

Flexmelt

8 / 14 / 30 / 50

User Manual



Polígono Industrial Agustinos, calle G, nave D-34

Tel: +34.948.321.580 Fax: +34.948.326.584

31160 ORCOYEN (Navarra) ESPAÑA

e-mail: melton@melton.es

<http://www.valcomelton.com>

Declaration of conformity

The product: _____

Model no.: _____

Serial no.: _____

Year of manufacture: _____

Described in the enclosed documentation is in conformity with:

- Directive 2006/42/CE of 29 December 2009 replacing the Directive 98/37/EC of 22 June 1998 relating to the *approximation of the laws of the Member States relating to machinery*, combining in a single text Directives 89/392/EEC of 14 June 1989, 91/368/EEC of 20 June 1991, 93/44/EEC of June 14, 1993 and 93/68/EEC of 22 July 1993. Directive used law EN ISO 12100-1 and ISO 12100-2, relative to safety of the machines, law EN ISO 14121-1, relative to safety of the machines. Evaluate of risk, law UNE-EN 60204-1, relative to safety of the machines, laws UNE-EN 61310-1, UNE-EN 61310-2 and UNE-EN 61310-3, relative to safety in machines. Indication, marking and actuation.
- Directive 2006/95/CE of December, relating to electric equipment.
- Directive 2004/108/CE of July relating to electromagnetic compatibility.
- Directive 93/68/EEC of July, amending Directive 73/23/EEC, and Directive 89/336/EEC.

Within the scope of the specifications indicated in the chapter describing the equipment with a B1 risk level. Since it is intended to form part of a set of machines which, to obtain a result, are arranged and connected to perform together, it cannot be operated until the set of machines has been declared in conformity with the applicable Directives by the person responsible for the final assembly.

Orcoyen, on : _____

Signed.: _____

Gonzalo Marco, Managing Director



VALCO MELTON

Polígono Industrial Agustinos, calle G, nave D-34

Tel.: +34.948.321.580 Fax: +34.948.326.584

31160 ORCOYEN (Navarra) SPAIN



**VALCO MELTON
CONTROL REGISTRATION**

CONTROL #:

DATE:

ELECTRIC CHECK:

CONTROL BOARD CHECK:

TEMPERATURE CONTROL CHECK 150/180°C:

HYDRAULIC CHECK (100 bar):

PNEUMATIC CHECK:

APPLICATOR SERIAL NUMBER:



**VALCO MELTON
GUARANTEE**

DISTRIBUTOR:.....

CONTACT:.....

ADDRESS:.....TELEPHON.....

OEM:.....

ADDRESS:.....

TYPE:.....BRAND:.....MODEL:.....

USER:.....

CONTACT:.....

ADDRESS:.....TELEPHONE :.....

SYSTEM LOCATION:.....

DATE OF INSTALLATION: GUARANTEE UNTIL:

APPLICATOR SERIAL NUMBER:



IMPORTANT!

THIS INSTRUCTION MANUAL SHOULD BE KEPT IN AN ACCESSIBLE PLACE KNOWN TO ALL OPERATORS AND MAINTENANCE PERSONNEL.

READ THE INSTRUCTIONS CAREFULLY BEFORE OPERATING THE MACHINE AND FOLLOW THEM WHILE THE MACHINE IS IN OPERATION.

FOLLOW THE SAFETY INSTRUCTIONS PROVIDED IN THIS MANUAL WHEN USING AND HANDLING THE MACHINE.

IF YOU FAIL TO FOLLOW THE SAFETY INSTRUCTIONS, THIS MAY GIVE RISE TO BURNS, INJURIES AND EVEN IRREVERSIBLE DAMAGE. YOU MAY ALSO DAMAGE THE EQUIPMENT OR OTHER MATERIALS.

WARNING:

If you alter the function, performance or safety aspects of the machine, replacing original parts with other similar but not identical components (substantial alterations), without the authorisation of MELTON and as specified in Directive 89/392/EEC, you will be classified as a manufacturer and therefore become liable for the alterations made.

CHAPTER 1 SAFETY INSTRUCTIONS.....	4
1.1. SYMBOLS AND TERMS:	5
1.2. PURPOSE:	7
1.3. FIRST AID:.....	8
CHAPTER 2 DESCRIPTION	9
2.1. INTRODUCTION:	10
2.2. MAIN PARTS:	10
2.3 TECHNICAL SPECIFICATIONS:	13
2.4. GENERAL DIMENSIONS:	14
CHAPTER 3 MACHINE INSTAILATION	17
3.1. INTRODUCTION	18
3.2. TRANSPORT:	18
3.3 INSTALLATION REQUIREMENTS:.....	18
3.4. MECHANICAL INSTALLATION:	19
3.5. ELECTRICAL WIRING:.....	22
CHAPTER 4 MACHINE ADJUSTMENTS	24
4.1. CONTROL PANEL:	25
4.2. DISPLAY CONTRAST SETTINGS:	27
4.3. SETTINGS:.....	28
4.4. TEMPERATURE SETTINGS:	43
4.5. PUMP SETTINGS:	45
4.6. SETBACK:.....	45
4.7. OUTPUT PRESSURE ADJUSTMENT	46
CHAPTER 5 OPERATION	48
5.1. INTRODUCTION:.....	49
5.2. COMMISSIONING:	49
5.3. STOPS:.....	50
CHAPTER 6 MAINTENANCE	52
6.1. INTRODUCTION:.....	53
6.2. MAINTENANCE RECOMMENDATIONS:.....	54
6.3. MAINTENANCE PROCESSES:.....	55
CHAPTER 7 TROUBLESHOOTING.....	60
7.1. INTRODUCTION:.....	61
7.2. MECHANICAL FAULTS:.....	61
7.3. ELECTRICAL FAULTS:.....	64
7.4. ADHESIVE APPLICATION PROBLEMS:	68
ANNEX A PNEUMATIC PRESSURE REGULATOR ASSEMBLY.....	75
A.1. DESCRIPTION	76
A.2. MACHINE INSTALLATION	77
A.3. MACHINE ADJUSTMENTS.....	80
ANNEX B TORQUE INSTRUCTIONS.....	81

CHAPTER 1

SAFETY INSTRUCTIONS

1.1. SYMBOLS AND TERMS:



Miscellaneous prohibitions



European Community markings



Danger: hot surface



Note of special interest



Miscellaneous precautions



Use of goggles required



Precaution: electric current



Use of safety gloves required



Precaution: flammable liquid



Precaution: risk of fluid leakage under high pressure



Precaution: risk of entrapment between mobile parts

Burns:



Burns can be caused by the uncovered parts of the applicator, such as the guns or by splashes of hot melt.

The hot adhesive under pressure in the nozzles can cause serious injuries to the skin.



Qualified personnel:

This is personnel (technical staff) who have acquired sufficient know-how in a specific field, either through training or from experience.

These personnel must be familiar with safety and accident prevention standards, and have general knowledge of the technical aspects of the machine.

Protective clothing:

This clothing will be compliant with EN510 and EN340 standards, protecting against fast-moving particles and high temperatures.

It will be as tight as possible to prevent it from catching on mobile machine parts, and the sleeves, waist, legs, etc. will be adjustable to the size of the wearer.



Goggles and face shields:

They will be compliant with the EN 166 standard, protecting against fast-moving particles and high temperatures.

Goggles only protect the eyes. Face shields are therefore preferable, since they protect the entire face.



Protective gloves:

They will be compliant with EN 407 and EN 420 standards, protecting the hands against the burns caused by external thermal masses at temperatures of above 100°C.

1.2. PURPOSE:



This unit has been manufactured according to current safety standards.

This unit has been designed for the purpose described in chapter 2 of this manual, Description.

To use the machine correctly, follow the instructions provided in the Operating Manual, particularly:



- The machine should only be installed and used by qualified personnel, previously familiarised with the operating instructions (contacting the manufacturer whenever necessary) and the risks involved, the safety measures required, including adjustment and maintenance, and expressly forbidden operations.
- This unit has not been manufactured to operate in hazardous, explosive and/or flammable atmospheres
- When working with this machine, wear protective clothing, gloves and face shields and remove rings, bracelets and watches.
- Since the machine is designed to form part of a series of machines, arranged to work together, the hot melt applicator cannot be operated until the entire series has been declared in compliance with applicable directives.
- This machine should never work without the guards provided (which should not be removed). These guards should be checked and maintained with the specified frequency.
- Make sure that the equipment is properly grounded.
- Never operate the machine if you are aware that there is a leak in the glue circuit.
- Maintenance operations and/or repairs should be performed by personnel with basic knowledge of the machine and the mechanical, pneumatic and electric circuits involved.
- Maintenance operations and/or repairs should always be performed with the machine switched off at the mains, and with the main switch blocked.
- Maintenance operations and/or repairs should always be performed with the machine de-pressurised and disconnected from the pressure circuit.

1.3. FIRST AID:



In case of burns:

Immerse affected part in cold clean water as quickly as possible until the adhesive has cooled.

Do not attempt to remove the adhesive from the skin even when it has cooled as this may cause more serious injury.

Seek qualified medical attention immediately.



In case of an accident with the solvent:

CONTACT WITH THE SKIN: Wash with soap and water and discard all contaminated cloths.

CONTACT WITH EYES: Wash in an eye bath for at least 15 minutes.

INHALATION: In case of overexposure take patient to fresh air and let them rest.

INGESTION: Do not attempt to induce vomiting. Seek medical attention at once.

CHAPTER 2: DESCRIPTION

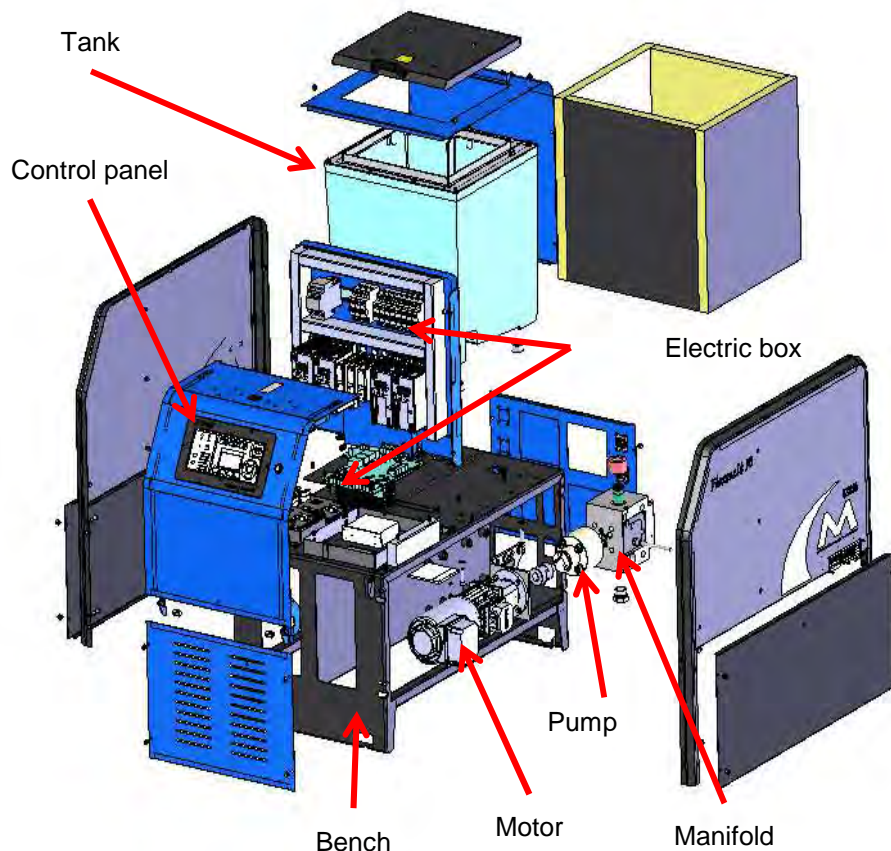
2.1. INTRODUCTION:

This machine transforms the hot-melt or polyurethane (or similar materials) contained in a heated tank from a solid to a liquid state by means of a thermal action. A pump absorbs the adhesive and raised it to a certain pressure to send it to the place of use through hoses.



2.2. MAIN PARTS:

The main parts of the FLEXMELT machine are shown in the following figure:



2.2.1. Bench:

The base that supports the entire machine and where the manifold, the pump and the motor are stored.

2.2.2. Tank:



This is where the hot-melt or other materials are melted; these materials may be in bulk form or in chunks.

The tank is made of cast aluminium and is coated with Teflon to prevent soot and crystallisations. It includes a resistance heating system with probe temperature control (PT-100 or nickel, depending on the temperature control model) from the main control.

2.2.3. Outer Cover:

Prevents accidental access to the inside of the machine as well as possible operational interferences.

2.2.4. Pumping and Distribution System:

It features the following components:



Manifold:

This manifold distributes the Hot Melt to the hoses and guns. Made of aluminium, it is assembled inside the bench. It heats up through internal resistors. The manifold features outlets to connect the hoses, a purging valve, a filter to remove impurities and a regulator. The regulator controls the unit's output pressure.



The manifold should not be dismantled; this operation should only be done if there is an adhesive leak between the tank and the manifold.

Pump:

The pump is what moves the Hot Melt or other thermal fusible product at a certain pressure from the pump manifold through the manifold to the hoses and guns.



The pump is located inside the bench and is driven by an alternating current gearbox. The pump speed is shown on the display located on the front of the control panel.

Gearbox:

The purpose of the gearbox is to control the pump. It is an alternating current motor that is controlled by a vector-controlled frequency variator which transmits the power through a connection to the pump. The motor speed can be manually or automatically adjusted depending on the ratio required in the main machine. It can not exceed 100 rpm.



2.2.5. Electrical System:

It is in the electrical box with the exception of the heat resistors and the motors. All of the control electronics and the power needed to operate the machine are located here.



2.2.6. Control panel:

It is situated at the front of the machine with the machine operating and adjustment switches.

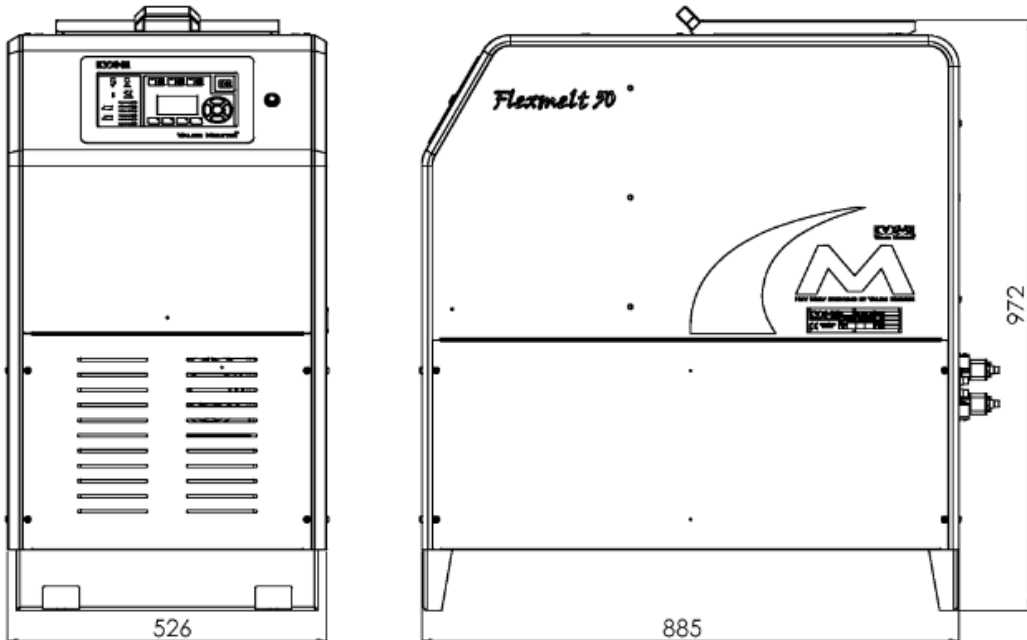
2.3. TECHNICAL SPECIFICATIONS:

<i>COMPONENT</i>	<i>DATA</i>
GENERAL	
Power supply voltage	III 220V+T (50/60 Hz), or III 380V+N+T (50-60Hz Hz)
Hoses (max.)	1-8
Hydraulic pressure (maximum operating)	2.8 – 80 bar (40 – 1138 psi)
Noise level	63 dB
Net weight	Depends on the model (Max. 175 kg)
Operating temperature	-10°C – 50 °C (32°F – 122°F) HR 20% to 80% not condensed
CONTROL	
Operational programming range	15° - 218° C (60° - 424° F)
Temperature control accuracy	+/- 0.5° C (+/- 1° F)
Control type	PID
PUMP	
Pumping capacity	Dual pumping: 0.4 / 0.6 / 1.2 / 2.4 / 4.8 cc/rev Single pump: 0.45 / 1 / 2.5 / 4 / 8 cc/rev
Rotational speed	3 to 80 rpm recommended (programmable 1 to 100 rpm)
TANK	
Volume (litres)	8 / 14 / 30 / 50
Melting capacity (kg/h)	7.9 / 13.5 / 22.8 / 37.8

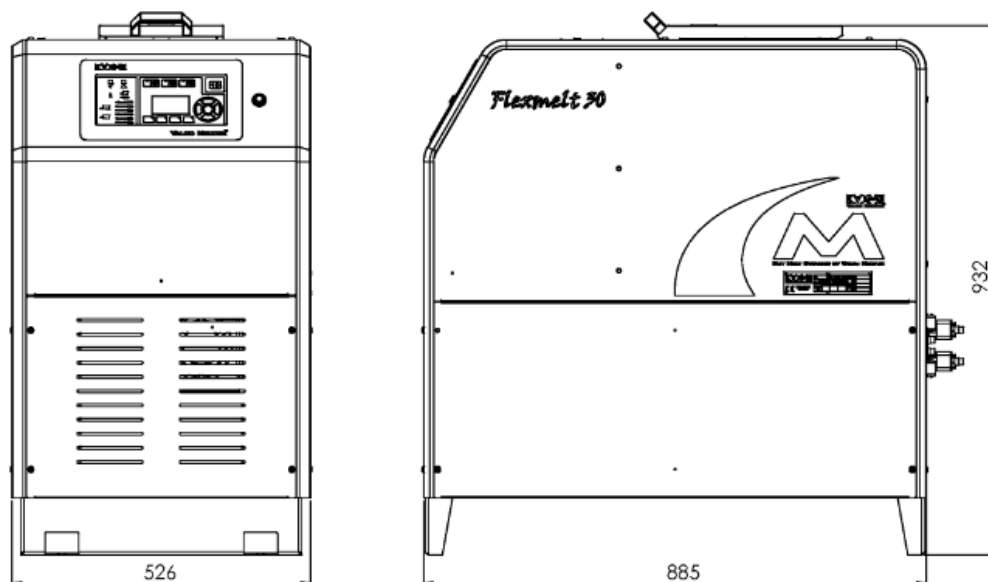
2.4. GENERAL DIMENSIONS:

The dimensions vary depending on the chosen model.

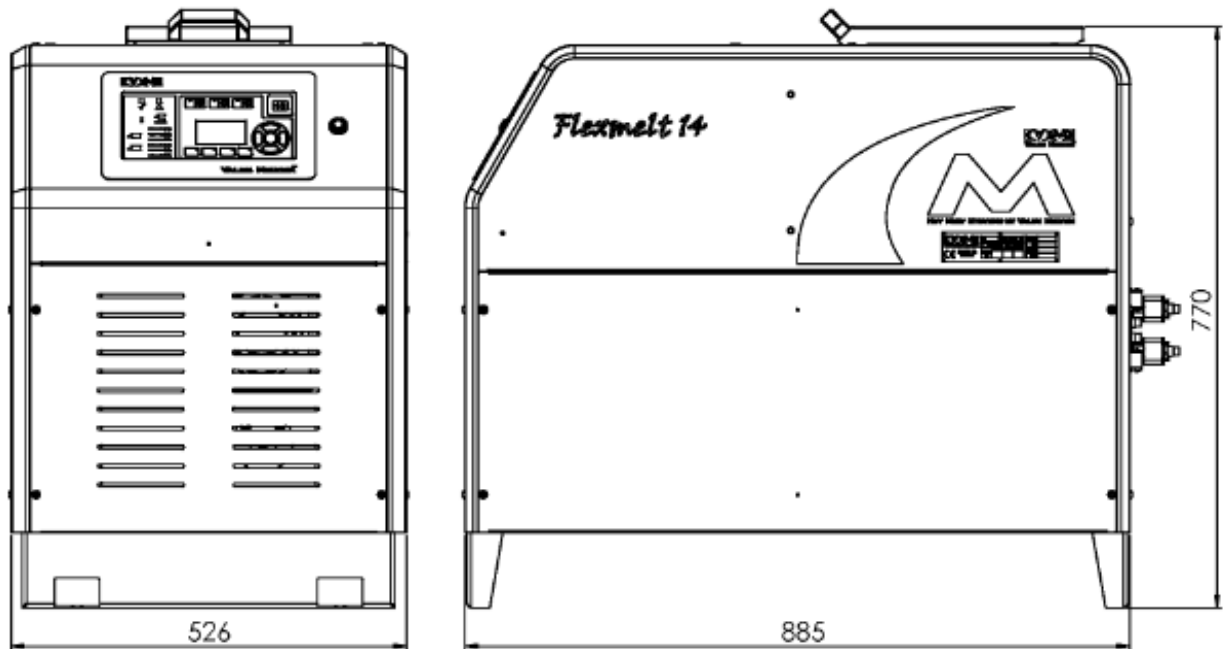
FLEXMELT 50 – 4 PUMPS



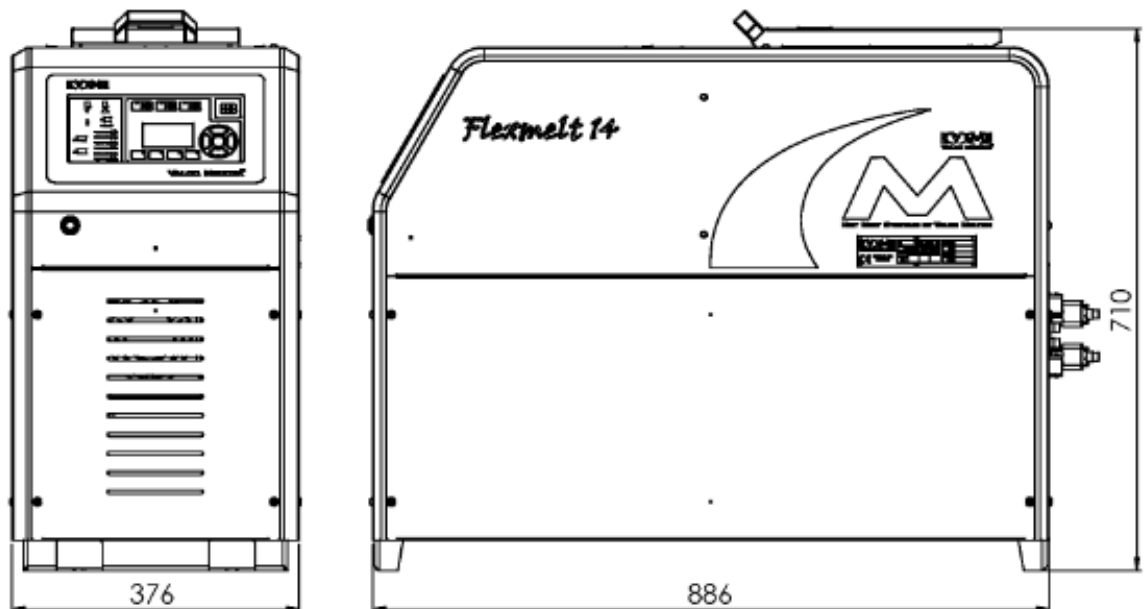
FLEXMELT 30 – 4 PUMPS



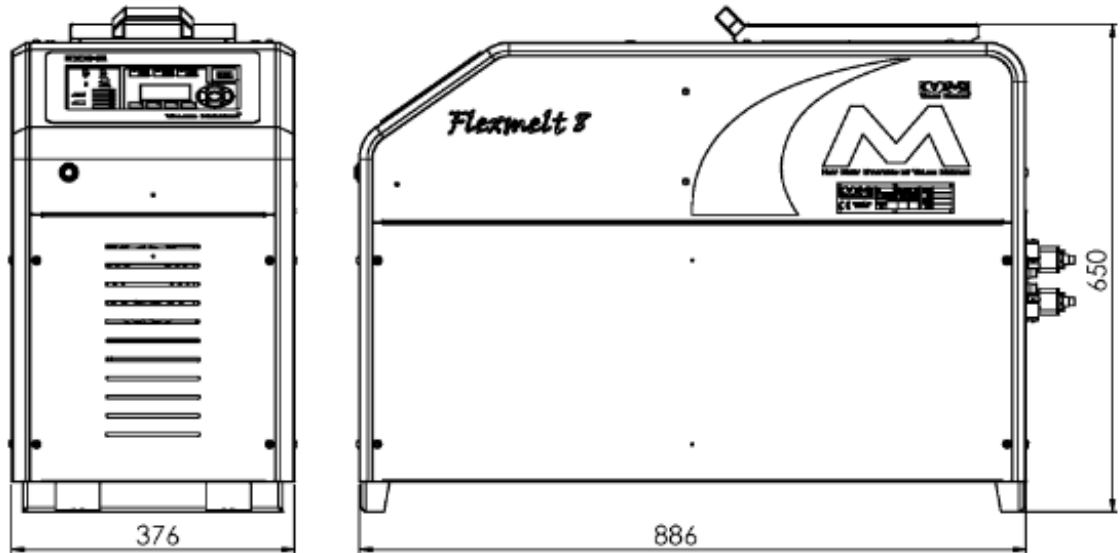
FLEXMELT 14 – 4 PUMPS



FLEXMELT 14 – 2 PUMPS



FLEXMELT 8 – 2 PUMPS



CHAPTER 3: MACHINE INSTALLATION

3.1. INTRODUCTION:

This chapter explains how to install the machine correctly.



WARNING: The operations described in this chapter should be performed by qualified personnel, following the safety instructions.

3.2. TRANSPORT:

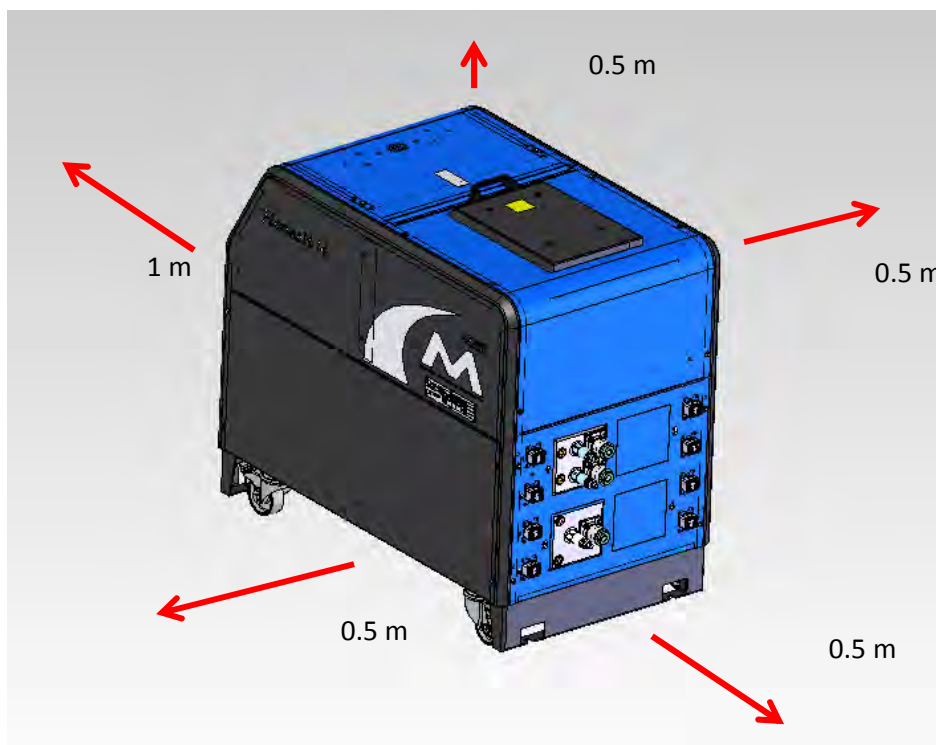
The machine is supplied on a pallet with a wooden frame.
Remove the top and front covers to unpack.



Unpack carefully to prevent damage to the machine. Inspect the machine for damages caused during transport.

3.3 INSTALLATION REQUIREMENTS:

Install the Flexmelt machine leaving enough space for it to be accessed during operations.



Avoid extreme temperatures (below -10°C and above $+50^{\circ}\text{C}$).

Try to avoid installing the machine where there are draughts. If this is not possible, the guns will need to be protected because they may not work properly if the temperature suddenly drops.

3.4. MECHANICAL INSTALLATION:

The mechanical installation involves the following:

Positioning the machine:

Remove the machine from the pallet using a forklift and position according to the installation requirements (chapter 3.3). The machine features anchor holes on the legs.

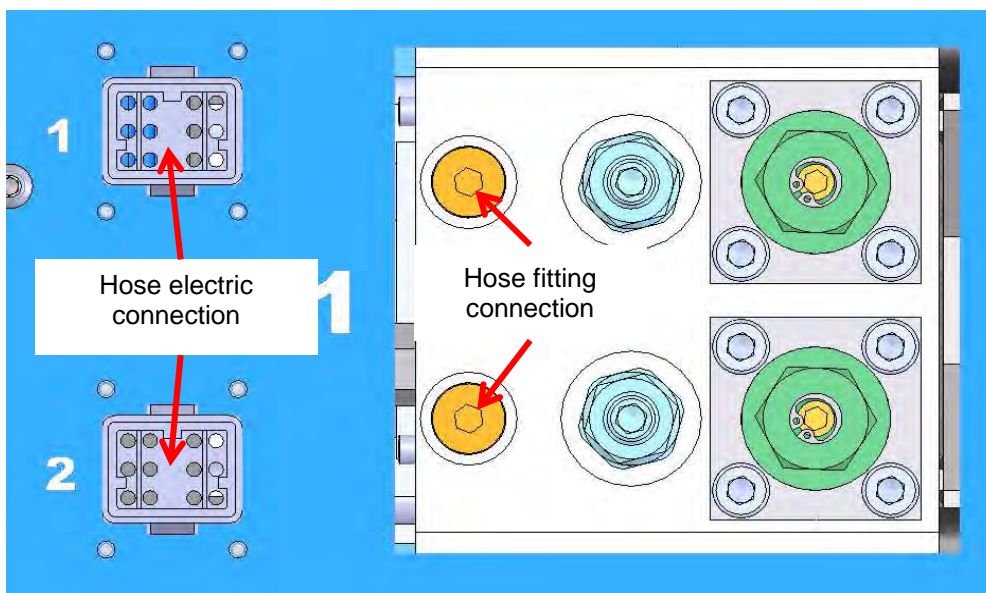
Connecting the hoses:

Proceed as follows to connect the hoses:



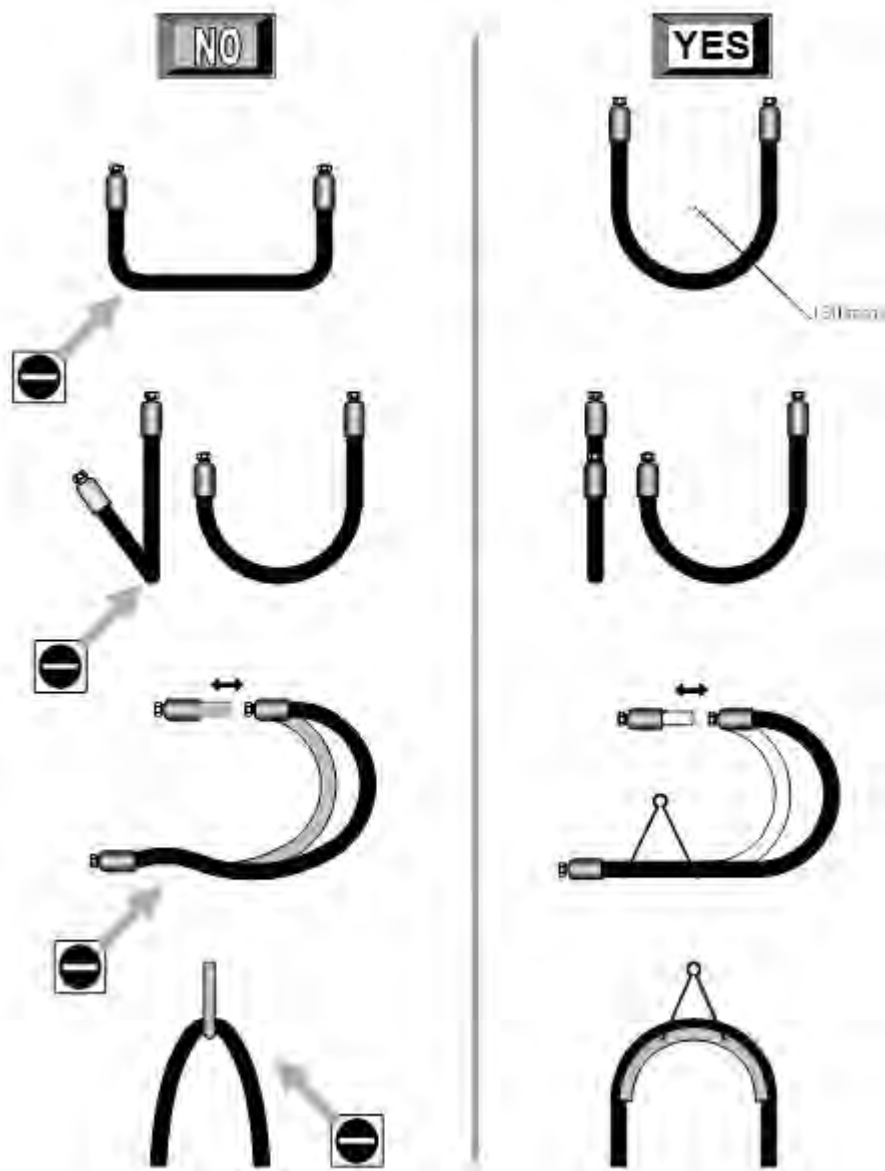
Make sure the machine has been depressurised before connecting the hose. Set the motor control selector to zero. Heat the machine to melt any adhesive that may be present.

1. Remove the manifold cap. Screw the plug and socket connector together as per the hose diameter. Apply a torque of 40 Nm.
2. Screw the hose to the connector.
3. Hook up the hose electrical connections.
4. Once the hose is at the right temperature, re-tighten the male connectors and the hose.



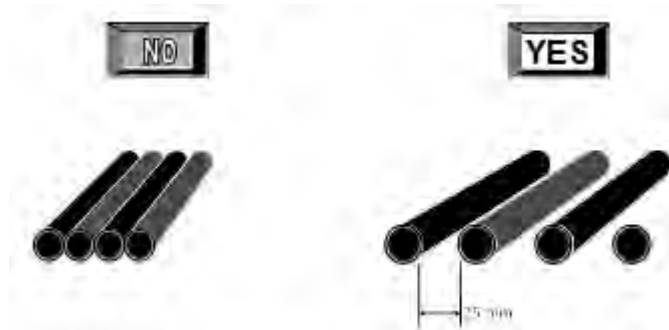
3.4.1. HOSE POSITION:

Never bend the hoses to angles with a radius of less than 150 mm.

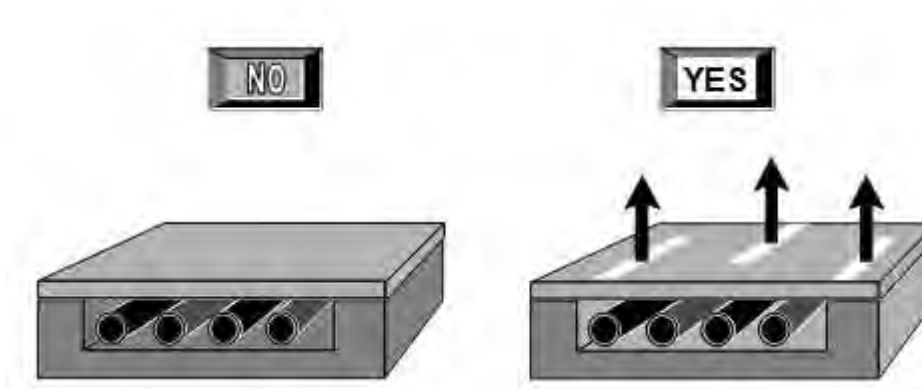


Hoses should not be secured to very broad, cold surfaces.

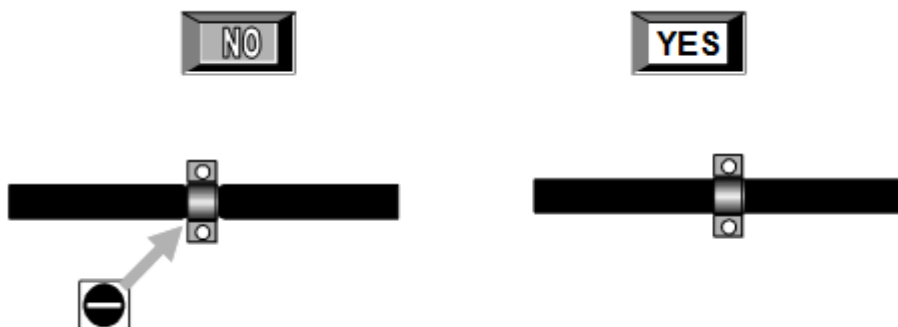
Do not bunch hoses together. Leave at least a 25 mm gap between them so the heat dissipates adequately.



Do not cover hoses. If the hoses need to be covered, make sure there are vents to allow the heat to dissipate.



Do not install hoses with clamps that place pressure on the diameter.



3.5. ELECTRICAL WIRING:

The electrical wiring depends on the model. See electric diagrams.



Make sure the power source is duly protected and you are using the right cable for the machine's electrical power needs.

Secure the power cord to the machine bench in order to prevent an accident.

Connect the pump permissions to the safety line on the main machine.



When the machine is connected to a main machine, it won't run until the external permission is given.

These terminals are shorted at our factory.

CHAPTER 4

MACHINE ADJUSTMENTS

4.1. CONTROL PANEL:

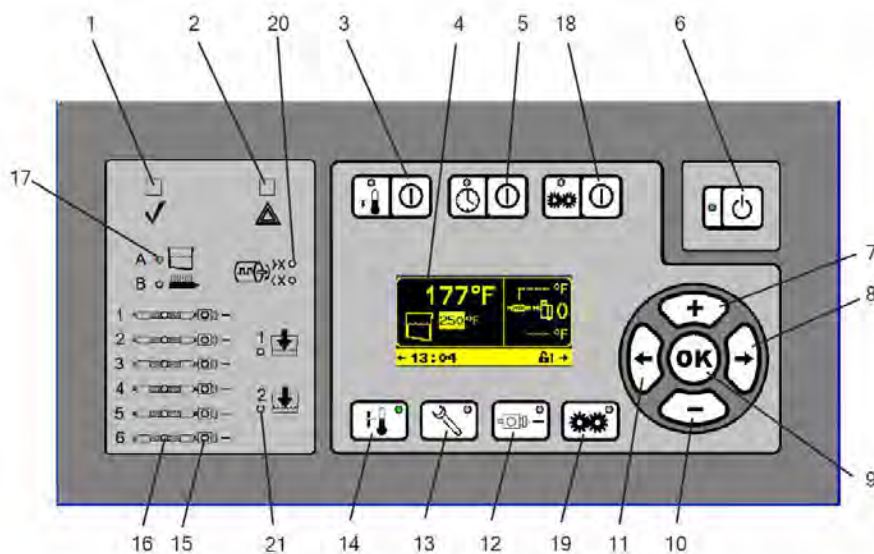
The following adjustments should be made before the machine is switched on or while it is working. They will ensure that the machine works properly and safely.

The control panel is fitted with a timer for automatic switch-on and switch-off.

With menus to access the parameter programming as well as the main machine operating permissions, alarms and various operating functions that will be described below, the machine regulates the temperature of the resistors connected to the various dual hose-gun canals and the two tank and manifold heating canals.

The control panel displays the machine operating data as well as the alarms generated in the probe signals. The LEDs also display the statuses of the heat resistor regulator outputs, pressure pump, and excess temperature, safety and maintenance required alarms.

The control panel has 11 control keys that provide access to the program menus and general operating processes.



	NAME	DESCRIPTION
1	System Ready LED	Green when the system reaches the programmed temperature.
2	Alarm LED	Red when an alarm goes off.
3	On/Off Cooling/Regression Button	Places the unit in or out of Cooling/Regression mode. Yellow when the unit is in Cooling/Regression mode.
4	Settings Screen	Displays the menu screens
5	Clock On/Off Button	Turns the timer function on or off. Green when the timer function is activated.
6	ON/OFF heat button	To turn the machine on and off. The light is green when on and red when off. Green when the unit is on and orange when in Standby mode.
7	More Button	Increases the value of the selected parameter
8	Right Arrow Button	Moves to the right through editable fields on the selected menu
9	OK Button	Enter or exit a screen where the selected field can be edited
10	Less Button	Decreases the value of the selected parameter
11	Left Arrow Button	Moves to the left through editable fields on the selected menu
12	Release Control Button	Establishes the release control functions if enabled. Disabled.
13	Configuration Button	Displays the configuration screens. Green when the machine enters the configuration screen
14	Temperature Button	Displays the temperature screens. Green when the machine enters the temperature screen
15	Gun Zone LED	Green when the gun zone is on and red when there is an alarm.
16	Hose Zone LED	Green when the hose zone is on and red when the zone is on alarm.
17	Tank Zone LED	Green when the tank is warming and red when there is an alarm.
18	Pump ON/OFF Button	Turns the pump on and off. Green when the pump is active.
19	Pump Menu Button	Displays the pump configuration screens. Green when the machine enters the pump configuration screen.
20	Minimum speed LEDs	The light comes on when the speed is above or below the minimum value established.
21	Level LEDs	Lights up when the level is below the minimum.

4.2. DISPLAY CONTRAST SETTINGS:

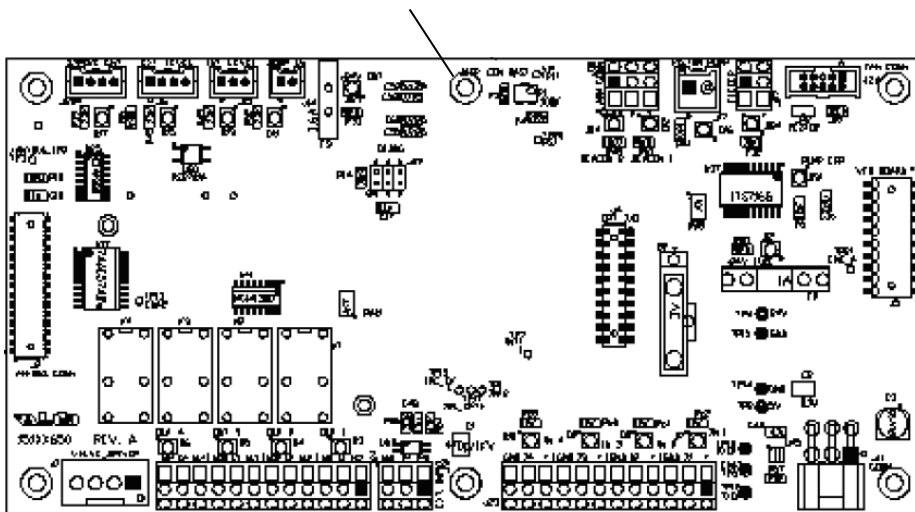
The screen contrast may be adjusted for better viewing. If you cannot see the screen well, adjust the contrast.

Do the following to adjust the contrast:


1. Keep the “SETUP” key pressed down on the front panel keypad while simultaneously pressing the “+” and “-” keys to change the screen contrast. This will make the characters brighter or darker on the screen.
2. If this doesn't work or you still can't see the screen properly, open the electric box door to see the rear of the CPU card.
3. Adjust the screen contrast with the potentiometer found on the back of the CPU card with a small screwdriver. (This requires a very small slotted screwdriver).

Contract adjustment

Potentiometer



4.3 SETTINGS:

Press the  key to access the main settings menu.



The following menus are available:




Press the right and left keys to go to the chosen menu and press the OK key to enter the menu.



Press the +/- keys to modify a parameter.

One easy option is to press OK to access the parameter selection screen and use the +/- and left/right keys to choose the desired combination.



Press the  key again to exit the sub-menu.

4.3.1. PASSWORD LEVELS:

The FLEXMELT machine features several levels of security to protect important information from being accessed by unauthorised personnel. The levels are activated with different PIN codes upon entering the “Configuration Menu”. The following list includes the PIN codes for the different levels and describes the differences between them.

You can access this feature via the settings / unlock menu.

Level 1 - Operator (no password required)

- Information can be viewed, but no editing is allowed except for basic settings.
- The programmed temperature values can be adjusted.
- Zones can be turned on and off.

Level 2 - Advanced Operator (PIN Code: 1234)

- Has access to all level 1 features.
- Can access most setting configurations.
- Can access all Clocks, Cooling/Regression,, Start, Log and Diagnostics on the menus.

Level 3 - Supervisor (PIN Code: 6550)

- Can access levels 1 and 2.
- Can access the maximum temperature settings menu under the System Configuration Menu.
- Can access Peripheral menus (Inputs/Outputs) and the Temperature controls (PID).



4.3.2 SYSTEM SETTINGS.

You can access this feature via the settings / system menu.

4.3.2.1 Language:

It is found under the settings / system / language menu.

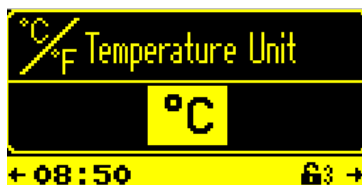
Use the +/- keys to choose a language.



4.3.2.2. Temperature Units:

This is found under the settings / system / temperature units menu.

You may choose Celsius (°C) or Fahrenheit (°F):



4.3.2.3. Pump Temperature and System Read Programming

This is found under the settings / system / pump and system ready menu.

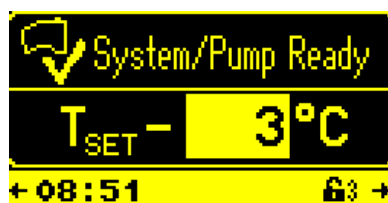
You must enter a small gap between the programmed operating temperature for the zones and the real temperature at which the system will be considered ready.

It's related to the temperature established for each zone. The system indicates it is ready (and the System Ready LED turns green). The system provides permission when each zone reaches the programmed temperature. The permission activates the pump. This prevents the pump from activating before the adhesive melts.

See the adhesive technical data sheet to find the melting point.

The pre-programmed temperature must be set to at least -5°F (-3°C). If set very close to the point (-1°F, for example), the pump will repeatedly stop due to small temperature fluctuations.

The parameter range goes from 0°F to 36°F (0°C to 20°C) and the manufacturer preset value is 5°F (3°C).



4.3.2.4. Time Before Start

It is found under the settings / system / time before start menu.

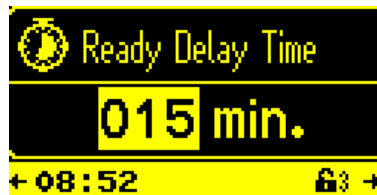
When using the Time before Start option, the system ready LED will turn on at a pre-set time after all of the zones reach the respective programmed temperatures except for the system ready compensation temperature. This feature allows the adhesive in the system to heat up for an additional time before the pump motor activates.

Once the Time before Start temperature has been reached, the time remaining before the machine is ready is shown in a status bar at the bottom of the screen.

The times range from 1 minute to 120 minutes. It is factory set ON with a time of 15 minutes.

To extend the life of the pump joints, this 15 minute time should not be reduced.

You can access this parameter with a password level of 2 or higher.



4.3.2.5. Overheat Alarm

It is found under the settings / system / overheat menu.

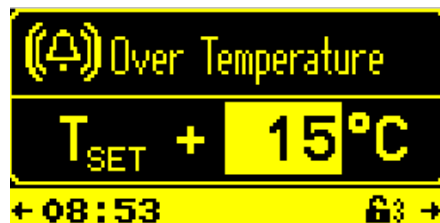
The Overheat Alarm refers to the temperatures set for each machine zone.

The tolerance for the overheat alarm is the number of degrees that each zone has heated above the set temperature before the alarm goes off.

If any zone enters in the overheat alarm zone, this zone automatically stops heating.

The alarm tolerance range is 9°F to 108°F (5°C to 60°C). It is factory set at 45° F (25° C).

You can access this parameter with a password level of 2 or higher.



4.3.2.6. Under Temperature Alarm

This is found under the settings / system / under temperature menu.

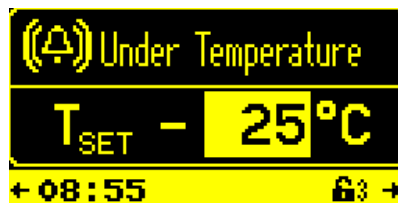
The Under Temperature Alarm refers to the temperatures set for each machine zone.

The tolerance for the under temperature alarm is the number of degrees that each zone has cooled below the set temperature before the alarm goes off.

The alarm tolerance range is 9°F to 108°F (5°C to 60°C). It is factory set at 27° F (15° C).

If any zone enters the under temperature alarm zone, that zone will heat until the set temperature is reached.

You can access this parameter with a password level of 2 or higher.

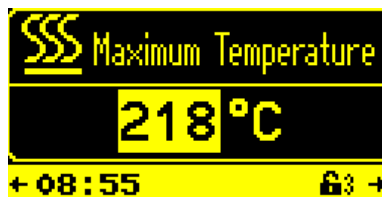


4.3.2.7. Maximum Temperature

This is found under the settings / system / maximum temperature menu.

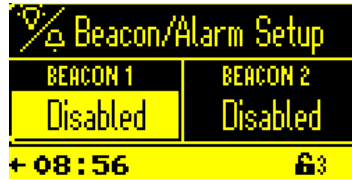
The maximum temperature is the maximum programmed temperature value for each zone. The maximum temperature range is 32° F to 446° F (0° C to 230° C). It is factory set at 446° F (230° C).

You can access this parameter with a password level of 3 or higher.



4.3.2.8. Beacon / Alarm Slot

It is found under the settings / system / alarm mode menu.
The card features two alarm slots for a 24VDC marker light.



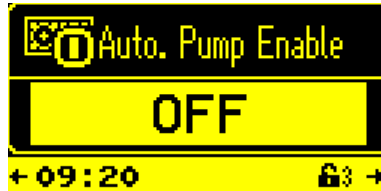
Select the type of alarm for the slot with the +/- keys.



4.3.2.9. Automatic Pump Mode:

It is found under the settings / system / auto pump mode menu.

Use the automatic pump option so the pump works automatically or manually.



4.3.2.10. Level Sensor:

It is found under the settings / system / level sensor menu.

With this feature, you can configure the time delay for the level sensor alarm both for the inner and outer signals.



4.3.2.11. Filter Change:

It is found under the settings / system / filter change menu.

You enter the number of operating hours for the filter and when this time is up, the alarm will go off indicating the filter should be changed.



4.3.3. CLOCK AND 7-DAY TIMER:

This is found under the settings / clock menu.

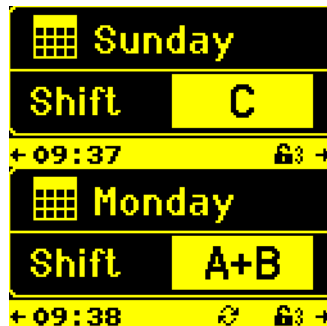
The Clock submenu is used to choose the day and time and to establish on/off shifts and times and cooling/regression/rest temperatures so the system runs them automatically.

Press the left/right keys to select the operating and rest times for each shift.

Make sure that the desired temperatures have already been established (see the section entitled Programming Temperatures).





After entering the times, move to the right and use the +/- keys to select the shifts to operate the machine on the chosen days.



This screen indicates that for the A shift, the resistors will begin at 7:00 AM until the programmed temperature (pre-set on the temperatures screen) is reached and will turn off at 3:00 PM with all of the heaters reaching the Cooling/Regression temperature between 11:30 AM and 12:00 PM.



This screen indicates that nothing will be activated for shift C as there is no shift C.

This configuration can be activated by pressing the   key on the main panel.

4.3.4. DIAGNOSIS:

This is found under the settings / diagnosis menu.

The diagnostics screen displays the current software version as well as the current temperature and status of each zone.

01.000 000 000 000 000 000 000 000	SDOCOM Buffer: 0%	IN: 1 2 3 4
Z1 Z2 Z3 Z4	Disable Reconn: 0	1 1 1 1
0° 0° 0° 0°	[3] Err: - TO: -	OUT: 1 2 3 4
Off Off Off Off	CRC: - / -	0 0 0 0
10:05	10:06	10:07
01.000 000 000 000 000 000 000 000		
Z5 Z6 Z7 Z8		
0° 0° 0° 0°		
Off Off Off Off		
10:06		

4.3.5. SETBACK TEMPERATURE / TIME:

This is found under the settings / setback menu.

The setback time option is used to reduce the temperature of all of the zones with a temperature difference where the hot-melt is soft but does not melt. It is used when the machine is not in use.

The temperature differential is related to the programmed temperature for each zone.

The temperature differential has a range of 45°F to 342°F (25°C to 190°C). The default value is 90°F (50°C).

You can access this parameter with a password level of 2 or higher.

The setback standby time is the time it takes the machine to enter into setback mode.

Remember to enable the rest standby time by pressing the switch.

Temp Diff.	Auto. Setback Timeout
T _{SET} - 50°C	--- min.
09:45	09:46
0050 °C	030 min
09:47	09:46

If the automatic standby time at setback option is enabled and there is no external unit connected to the machine, the machine will automatically go into rest mode once the programmed time has passed.

If the automatic standby time at setback option is enabled and there is an external unit connected to the machine, the machine will automatically go into setback mode once the programmed time has passed as long as it does not receive any pulse from the external machine. If it does, the standby time at setback will begin at zero.

The standby time at setback range is 1 minute to 120 minutes. It is factory set at 30 minutes.

4.3.6. GUN/ HOSE SEQUENTIAL HEATING:

This is found under the settings / on menu.

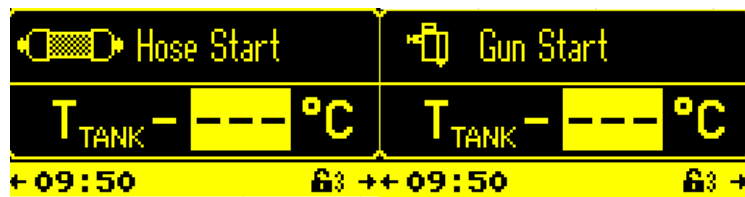
The hose on option allows the hose to begin heating after the tank reaches a specific temperature below the set temperature. This feature is used to reduce wear on the adhesive caused when the adhesive heats up in the hose because the adhesive remains in the hose for too long when waiting for the tank to reach the operating temperature.

The temperature range for the hose on option is 0° F to 450° F (0° C to 250° C). The option is factory set off.

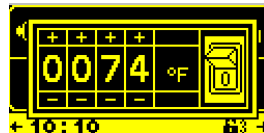
The turn on gun option allows the gun to begin heating after the tank reaches a specific temperature below the set temperature. This feature is used to reduce wear on the adhesive caused when the adhesive heats up in the gun because the adhesive remains in the gun for too long when waiting for the tank to reach the operating temperature.

The temperature range for the hose on option is 0° F to 450° F (0° C to 250° C). The option is factory set off.

You can access this parameter with a password level of 2 or higher.



Press OK to access the temperature programming screen. Remember to enable this option with the switch.



4.3.7. HISTORY:

This is found under the settings / history menu.

The errors log saves a list of faults that have occurred in each zone.

Log change saves a list of all of the configuration parameters and changes.

The errors log and log change are deleted when the machine is turned off.

Fault History	Change History
No Messages	09:39 520400h
	09:34 520600h
	08:50 0h
09:52	09:52

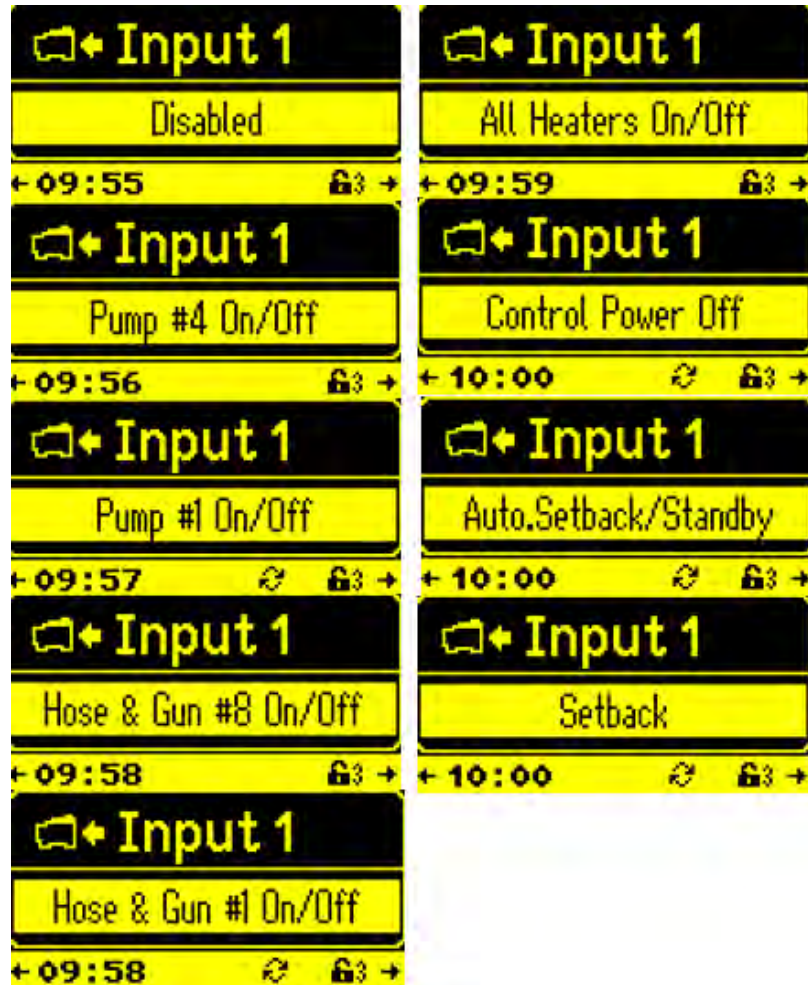
4.3.8. INPUT:

This is found under the settings / input menu.

The inputs are electrical inputs that can be activated by remote signal.

The different types of configurable inputs are shown below.

Use the left/right keys to select the input number and the +/- keys to configure the input type.



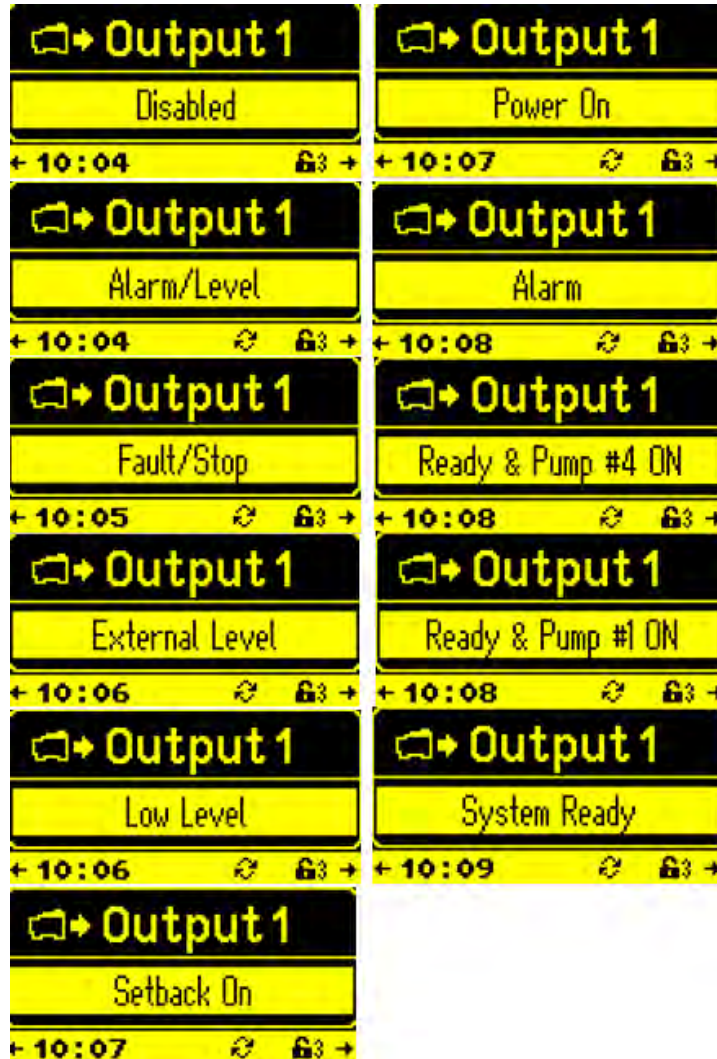
4.3.9 OUTPUTS:

This is found under the settings / outputs menu.

The outputs are electrical outputs that can enable a remote unit.

The different types of configurable outputs are shown below.

Use the left/right keys to select the output number and the +/- keys to configure the output type.



4.3.10. PUMP:

This is found under the settings / pump menu.

Use the left/right keys to select the parameter to modify.



Speed Gain:

This configures the nominal speed percentage at which the pump can rotate.

Creep Speed:

The minimum speed at which the pump can rotate.

Minimum Speed:

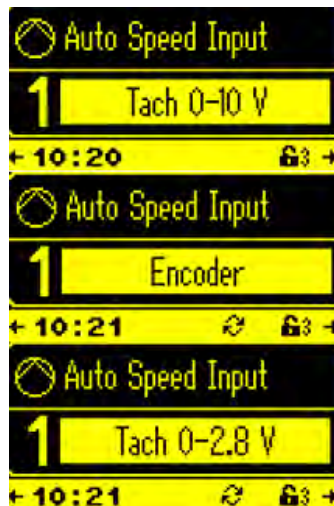
The signal below which the pump is maintained at a minimum speed.

Maximum Pump Speed:

The maximum speed at which the pump may rotate.

Auto Speed Input

Press the +/- keys to select the type of speed input.



4.3.11. ENCODER:

Use the left/right keys to configure the encoder settings:



Use the +/- keys to configure the units of measure:



4.3.12. TEMP:

This is found under the settings / temp. menu.

The parameters P I D S R can be configured for each zone in order to optimise the heating in each zone.

Press the +/- and right/left keys to select the zone and parameter you wish to modify.

Press the left key just after entering the Temp menu to directly access the AutoTune option. Press Start to activate Auto Tuning.



The AutoTune feature is generally used once when commissioning the machine. When all of the hoses and guns are connected to the machine, AutoTune is activated which identifies the active zones and automatically adjusts the P I D S R parameters so the active heating zones operate best. This function may take at least 8 hours to complete and the machine cannot be disconnected from the power source until it is finished.

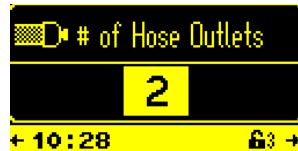
You can access this parameter with a password level of 3 or higher.

4.3.13. CONFIGURATION

This is found under the settings / conf. menu.

Use the right/left keys to access the options:

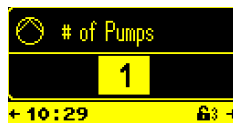
No. hoses:



Enable the I/O card with the +/- keys:



No. pumps:



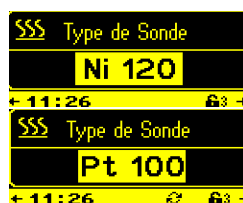
Weight Control:

Use the right/left keys to select the pump. Use the +/- keys to enable/disable.



Probe Type:

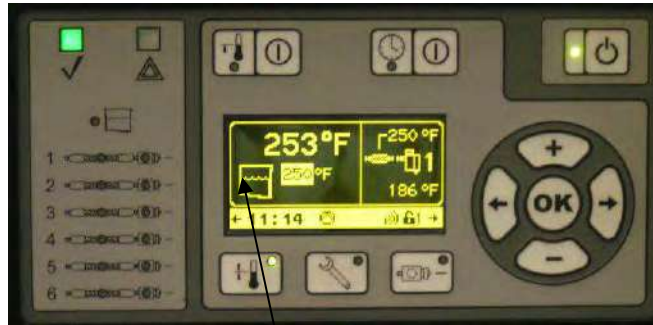
Use the +/- keys to choose Ni 120 or Pt 100.



4.4. TEMPERATURE SETTINGS:

4.4.1 PROGRAMMING TEMPERATURES:

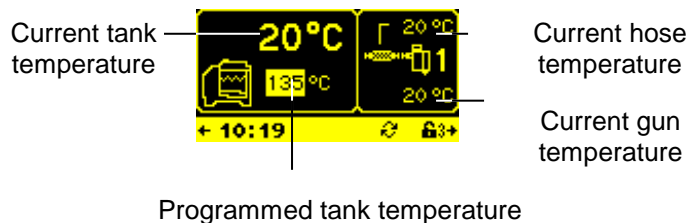
Press the temperature button (if the temperature LED is not green) to display the first temperature screen.



Temperature button

4.4.2 TEMPERATURE SCREENS:

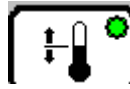
The tank temperature screen displays the current and programmed temperature. Output 1 and output 2 temperatures alternate on the screen to the right.

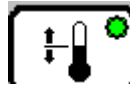


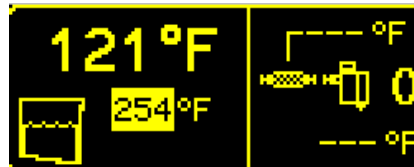
Press the temperature button repeatedly (or use the navigation keys) to select the desired temperature shown on the screen.



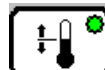
4.4.3 TANK TEMPERATURE:

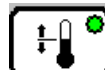


Press the  key to access the temperature menu. Press OK to program the desired temperature with the navigation keys.



4.4.4 HOSE/GUN TEMPERATURE:




Press the  key or the right /left navigation keys again to configure the temperature of the hoses and guns. After entering the value, remember to enable the switch to activate each heating zone.



To program hose/gun 2, repeat the same process as described.

4.5 PUMP SETTINGS:

Press the  key to access the pump settings menu.
Choose manual or auto mode with the +/- keys.


In manual mode, you must enter the nominal speed percentage at which the pump must rotate.




Press the right/left keys to access the weight configuration parameters for auto mode.



Remember to enable each pump with the switch.

Press the  key to operate the pumps.

4.6. SETBACK:

Press the  key to enable the programmed setback mode.
Press the right/left keys to select the setback time and/or start the clock.



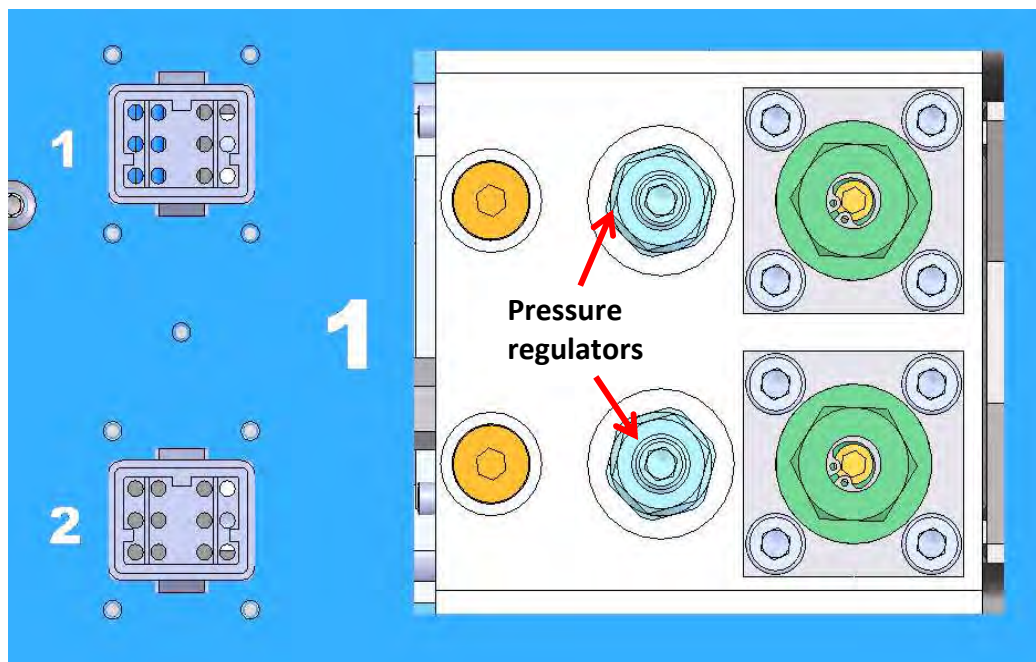
If the temperature difference is enabled in the settings/setback menu, then the temperature of the machine will drop to the programmed one during rest.

If this temperature is not enabled, the machine will cool down without any limit.

4.7. OUTPUT PRESSURE ADJUSTMENT:



The adhesive output pressure is controlled by the regulator on the manifold. Turn the regulator stud with an Allen wrench until the pressure is suitable for the application.



CHAPTER 5 OPERATION



WARNING: This machine should only be used by qualified personnel who understand all the procedures and are familiar with the necessary safety measures.

5.1. INTRODUCTION:



This chapter explains how to use the machine.

First of all, make sure that the person operating the machine is duly protected and that all safety measures are being followed.



5.2. COMMISSIONING:



1. Press the on button.
2. Check that the machine adjustments are appropriate for the desired operation; otherwise readjust them (see chapter 4).
3. When the machine is at the programmed temperature and there are no alarms activated, the pump permission will turn on.
4. Permission from the main machine is given (in case they are connected). The system has two terminals for external connections.
5. The application can start.



When the machine is connected to a main machine, it won't run until the external permission is given.

These terminals are shorted at our factory.

Filling the Tank:



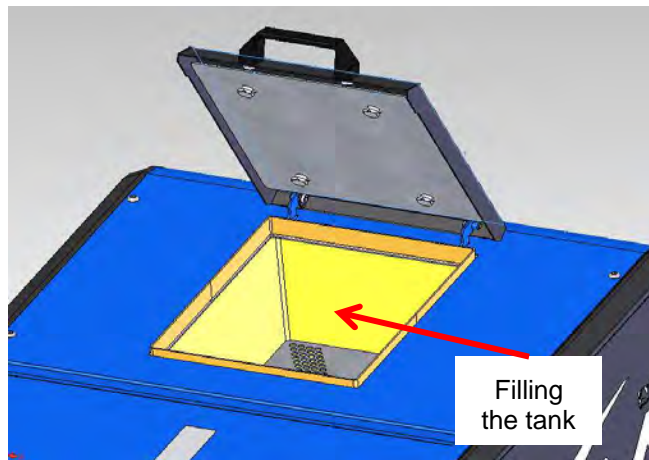
Before filling the tank, put on goggles, gloves and a long-sleeve shirt to prevent possible burns caused by hot adhesive splashing.



Make sure that the tank is clean and free of foreign particles.

Fill the heated tank with the hot-melt material up to a maximum of 10 mm below the edge of the tank.

Close the cover of the tank immediately after filling it.



Note: Never operate the applicator if the tank is empty. If the quantity of hot-melt material is very small, the tank may overheat leading to the carbonisation of the hot-melt material and the formation of deposits inside the unit. This may lead to unnecessary downtimes later on.

5.3. STOPS:

There are two cases:

Pump shut-down:

If you wish to stop pumping, you must turn the pump OFF on the pump screen.

The temperature control will maintain the machine temperature.

If the stop is to last for an extended period, activating the Low Maintenance function is recommended.

Total stop:

To completely disconnect the machine, press the general switch.

CHAPTER 6 MAINTENANCE



WARNING: The maintenance operations indicated in this chapter must only be done by qualified personnel who understand the steps to take and are familiar with all safety measures.

To apply the appropriate torque when assembling any part of the machine, please check the torque instructions in Annex B.

6.1. INTRODUCTION:



This chapter outlines the procedures for proper maintenance of the Flexmelt machine. Following these procedures will ensure safe operation and a long useful life of the machine. Carefully read Chapter 1: Safety before starting any maintenance process.

General recommendations for proper maintenance:

- Keep the tank as full of adhesive as possible. This will reduce the formation of soot on the tank's inner walls.
- Keep the tank cover closed. (Any contamination in the tank will increase the possibility of low performance. Humidity, dirt and sooty adhesive are the main causes of injector obstruction).
- Use a cheesecloth to remove material leaking from the joints and other connectors when the machine is hot, but not in operation.
- Completely empty and clean the system when there are frequent obstructions due to dirt and soot.

Before beginning, verify that the operator is duly protected and all safety measures are being followed.

- 1º Switch off the air at the mains.
- 2º Switch off the main switch.
- 3º Lock the main switch in place.
- 4º Make sure the electricity is off.
- 5º Follow applicable safety and health standards.

6.2. MAINTENANCE RECOMMENDATIONS:

The following table shows how often maintenance operations must be done.

Frequency	Maintenance
As necessary	Change manifold joints and filter cartridge.
Weekly (40 hours)	Clean the outside surface of the machine. Use a liquid cleaner recommended by the adhesive manufacturer.
	Inspect all hydraulic, electrical and pneumatic connections. Change or repair those necessary.
	Bleed process
	Check the safety valve.
6 months (2000 hours)	Clean the electric box fan filter.
	Clean the tank grill.
	Inspect all hydraulic, electrical and pneumatic connections. Change or repair those necessary.
	Check the conditions of the micro switches. They must be clean and adhesive-free.
Annually (4000 hours)	Bleed the air filter.
	Change the adhesive filter.

Vacuum or remove dust and adhesive remains with a soft cloth, especially from the manifold and purging valve.

Periodically clean the control panel with a soft cloth. Do not use dissolvent on the panel as they could corrode the controls.



If using a cleaning agent, make sure it is compatible with the adhesive being used.

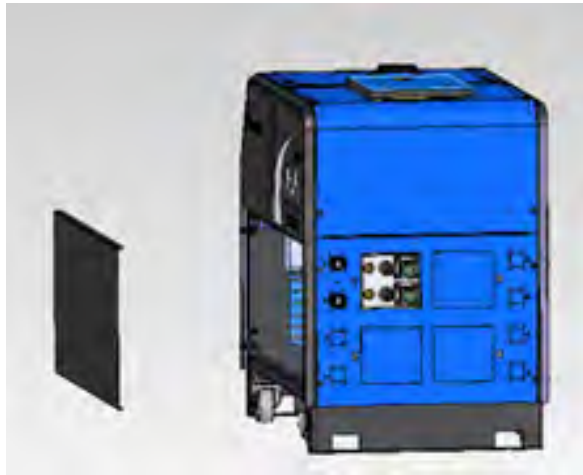
Check with the adhesive manufacturer if you have any doubts.

6.3. MAINTENANCE PROCESSES:

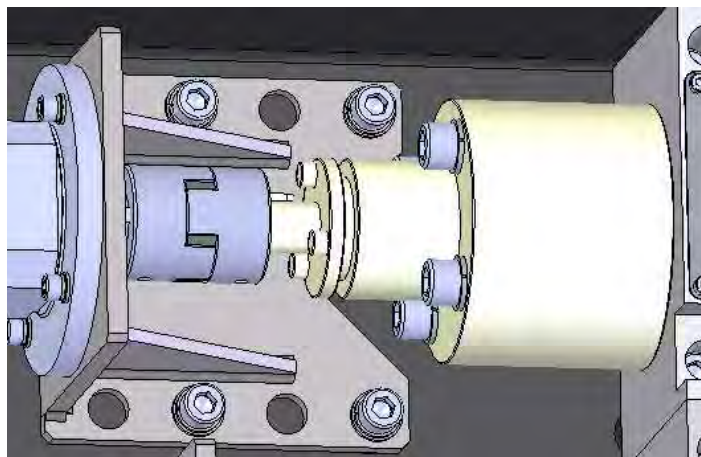
6.3.1. PUMP REPLACEMENT

Follow these steps to replace the pump:

1. Make sure the machine is off.
2. Remove the bench cover by releasing the screws with an Allen wrench.



3. Release the pump coupling. Remove the two set screws with an Allen wrench in order to do so.
4. Release the four Allen screws.

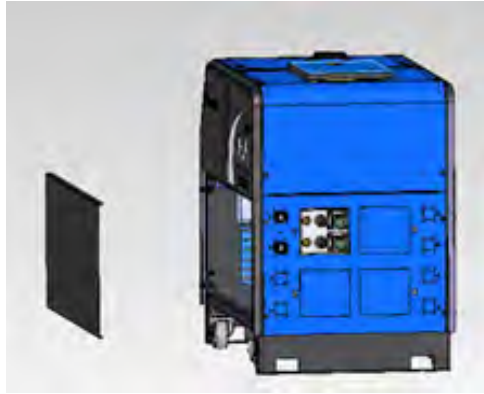


5. Position the new pump and follow the above process in reverse order.
Apply a torque of 22 Nm for a single pump.
Apply a torque of 75 Nm for a dual pump.

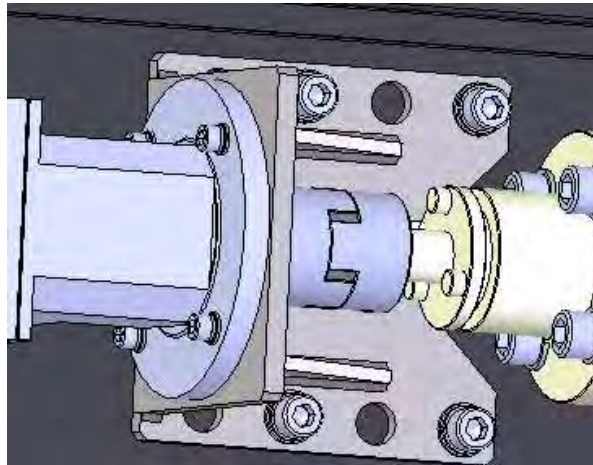
6.3.2. MOTOR REPLACEMENT:

Follow these steps to replace the motor:

1. Make sure the machine is off.
2. Remove the bench cover by releasing the screws with an Allen wrench.



3. Release the motor coupling. Remove the two set screws with an Allen wrench in order to do so.
4. Release the four Allen screws.



5. Position the new motor and follow the above process in reverse order.
6. Apply a torque of 8.7 Nm to the screws that join the motor to the support.
7. Apply a torque of 43 Nm to the screws that join the motor support to the bench.

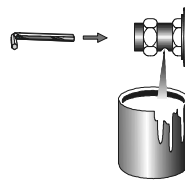
6.3.3. PURGING:

The bleed process is done to sweep away small crystallisations that may be produced in the filter and if you wish to depressurise the system.

Before purging the filter, put on goggles, gloves and a long-sleeve shirt to prevent possible burns caused by hot adhesive splashing.



1. To purge the filter, the applicator must be at the operating temperature.
2. Stopped pump.
3. Place a container below the machine to collect the adhesive in the manifold.

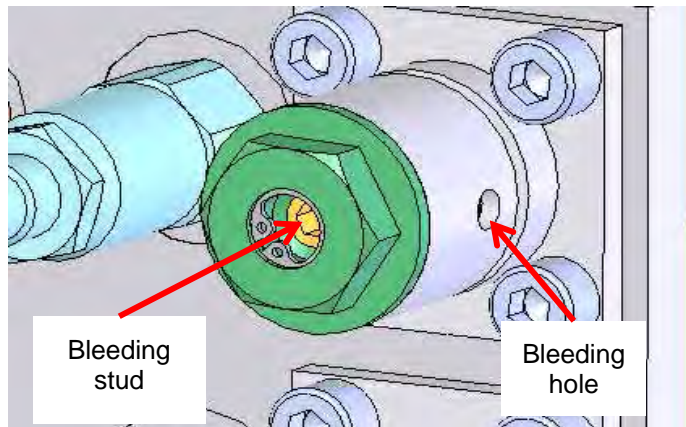


4. Open the bleed valve with a key.



Tip:

Bleed the machine once a week or every 40 hours of operation.



5. Close the bleed valve with a wrench.
6. Return the pressure to the appropriate operating pressure.
7. When the machine is at the programmed temperature and there are no alarms activated, the pump permission will turn on.
8. The application can start.

6.3.4. REPLACING THE ADHESIVE FILTER:



Before changing the filter, put on a face shield, gloves and a long-sleeve shirt to prevent possible burns caused by hot adhesive splashing.

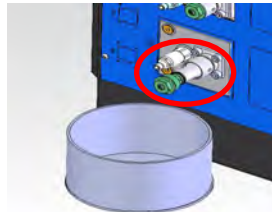
Keeping a filter or mesh in stock to replace when necessary is recommended. This replacement is quick and improves the machine performance.



1. Warm the machine to the operating temperature.
2. Stop the pump.
3. Place an appropriate container under the manifold to collect the adhesive.
4. Open the bleed valve to let the pressure out of the system.



5. Use a spanner to unscrew the filter screw and remove it from the casing.



6. Dismantle the filter, replace the inner mesh and clean all of the other parts.
7. Clean all of the components well and replace any defective ones.



If using a cleaning agent, make sure it is compatible with the adhesive being used.

Check with the adhesive manufacturer if you have any doubts.

8. Replace the o-rings.
9. Assemble the complete filter again and carefully insert it inside the hot manifold casing.
10. Tighten the filter cover with a spanner and close the purging valve.
11. Put the machine at operating speed and bleed the gun circuit.

6.3.5. REPLACING THE PROBE AND RESISTORS

The steps for replacing the resistors and/or temperature probe are described below.

Before repairing the element, clean the outside to prevent adhesive from getting into the electric box.

1. Release the screws on the electric box cover.
2. Remove the element to be replaced (probe or resistor).
3. Release the element from the ceramic strip or terminal.
4. Peel the 15 mm wire tips.
5. Connect the element to the ceramic strip or terminal.
6. Insert the replaced part into the hole and close the cover.
7. Re-connect the electricity from the gun to the hose.

CHAPTER 7

TROUBLESHOOTING



WARNING: The maintenance operations described in this chapter should only be performed by qualified personnel understanding the processes and familiar with the safety measures involved.

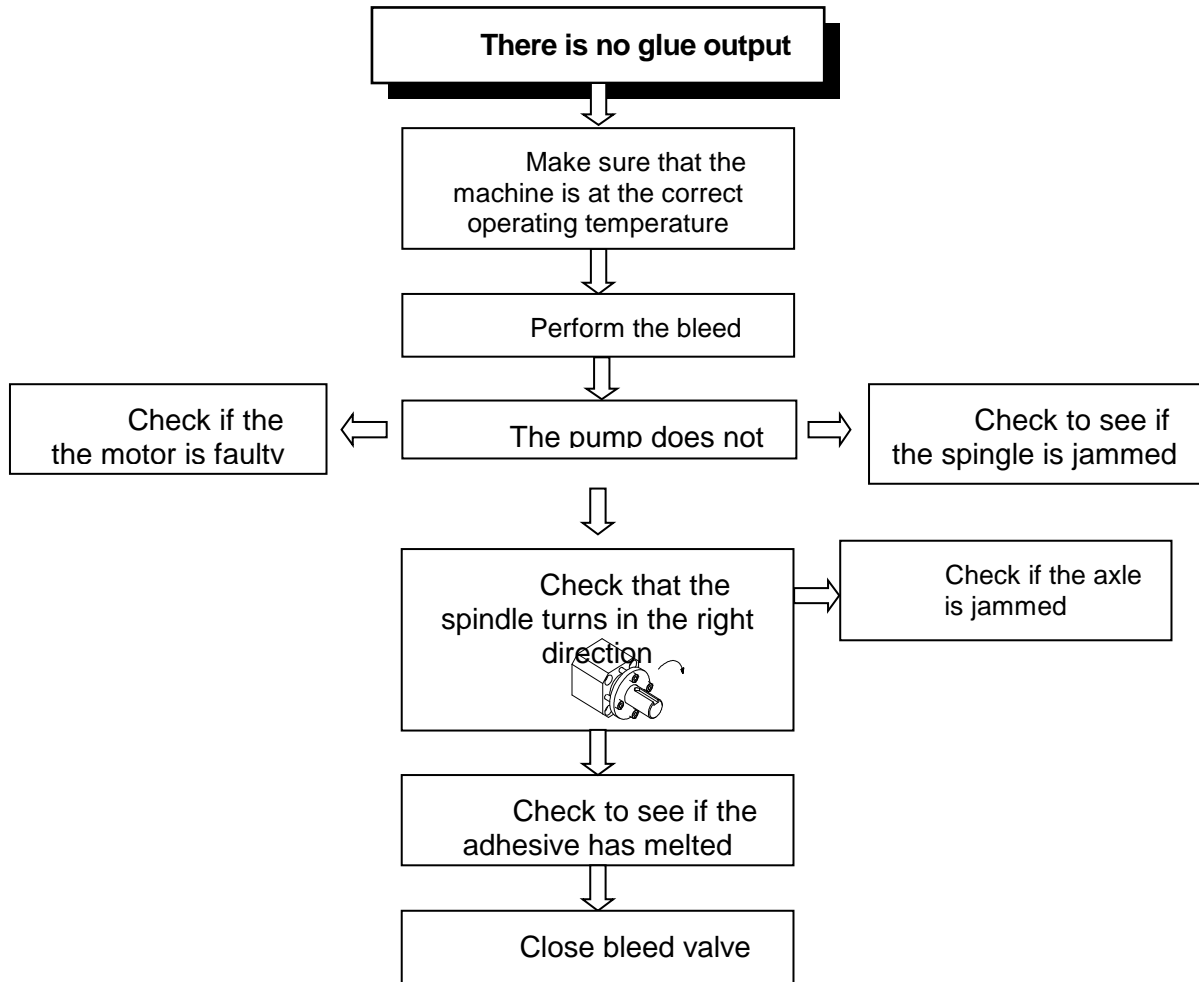
7.1. INTRODUCTION:

This chapter refers to the most common faults in your equipment.

Breakdowns occur when the flow of glue is reduced or stops, or the alert system informs of a fault. Try to solve the problem with the help of this manual.

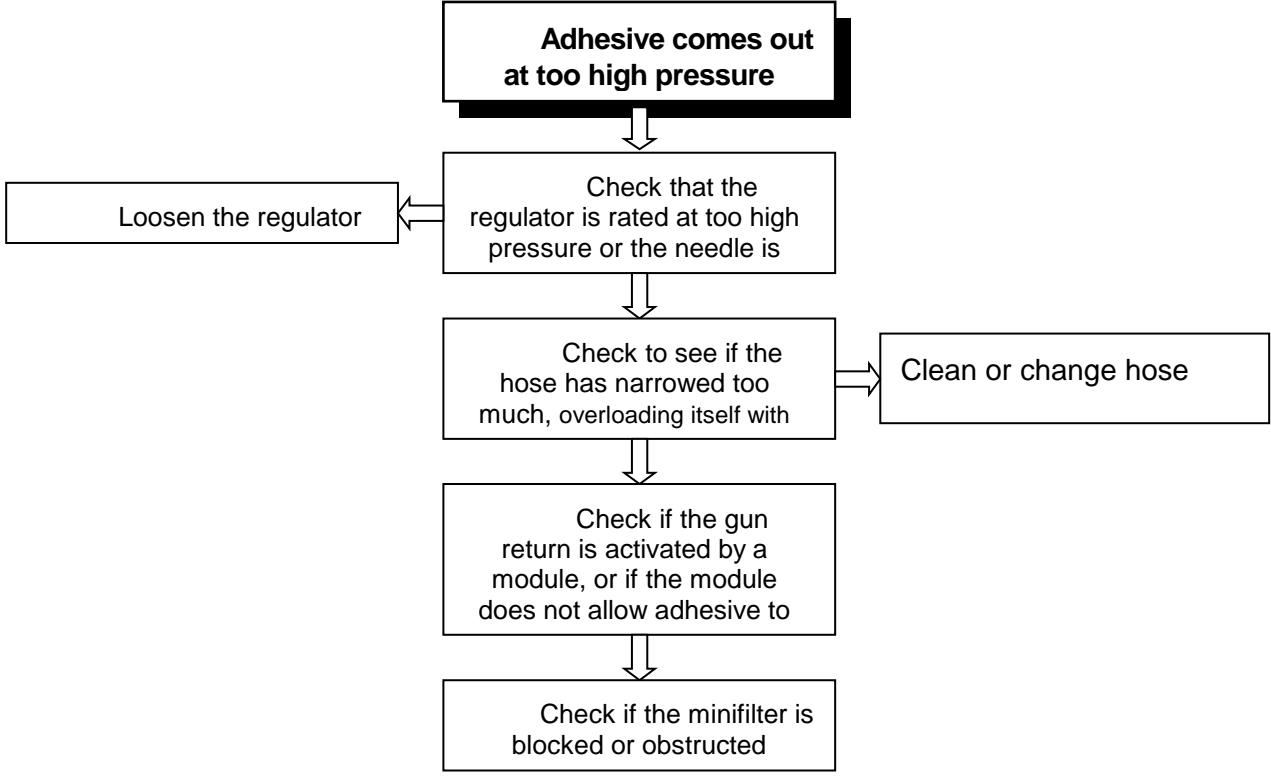
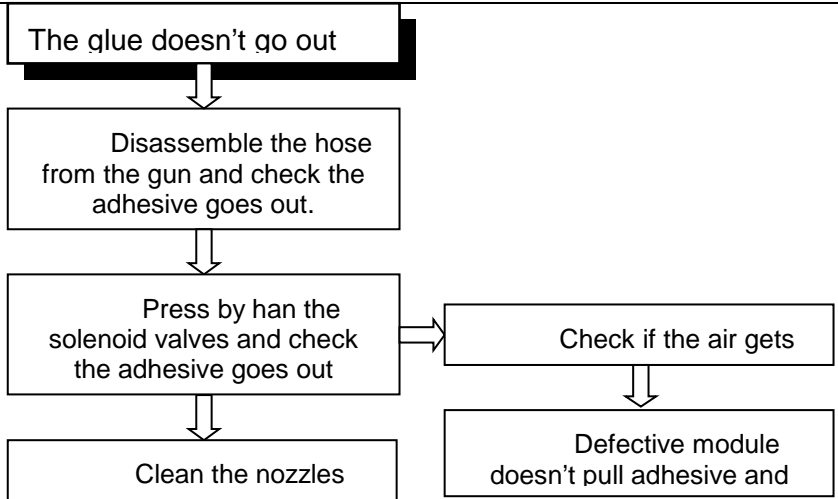
If the problem cannot be solved with the information provided here, contact your Melton representative.

7.2. MECHANICAL FAULTS:



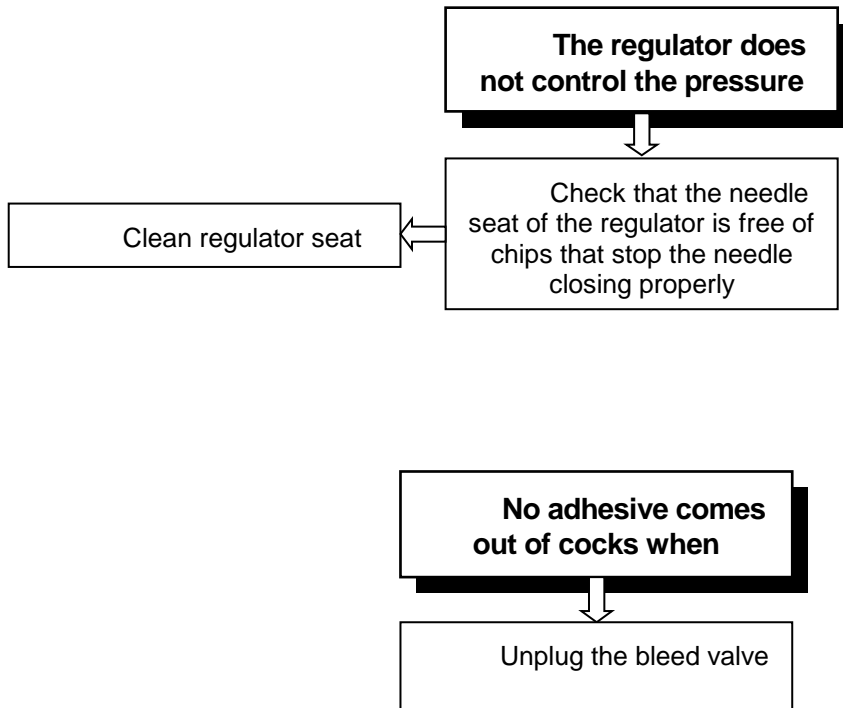


VALCO MELTON

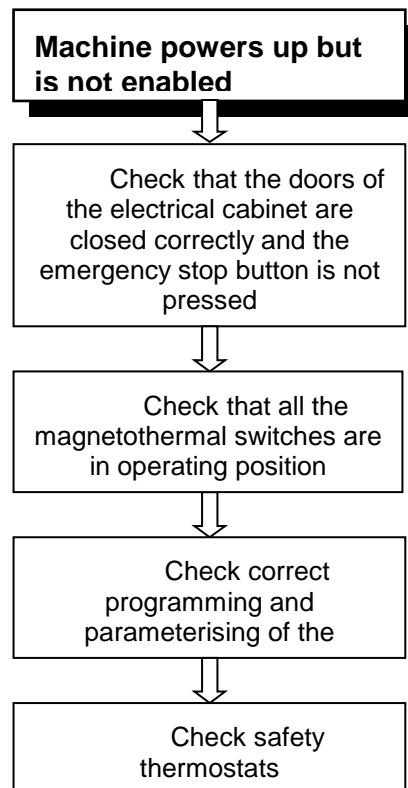
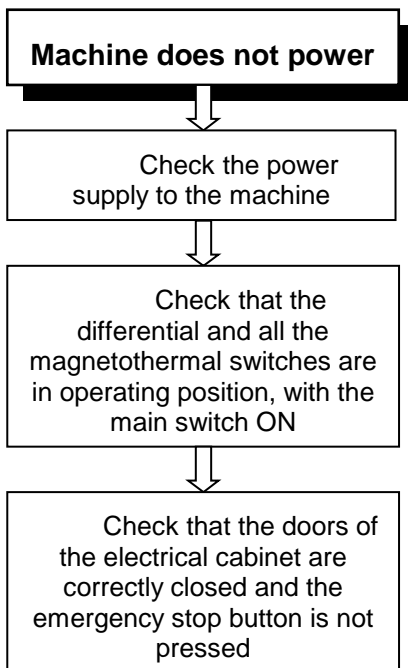
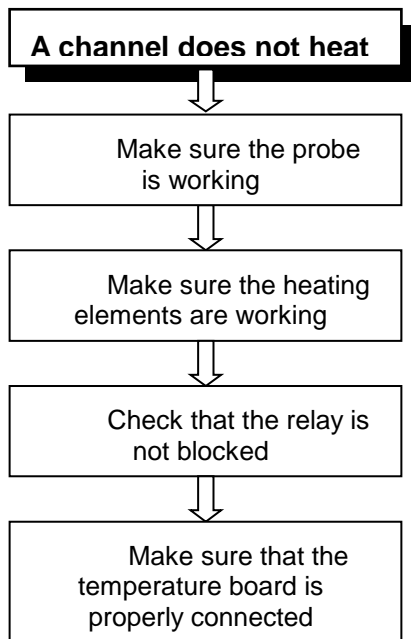




VALCO MELTON

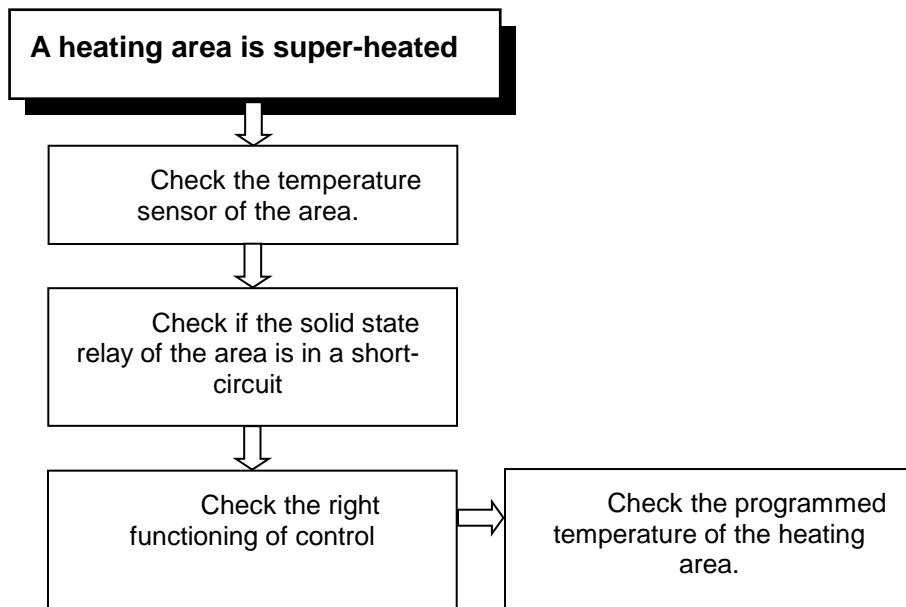
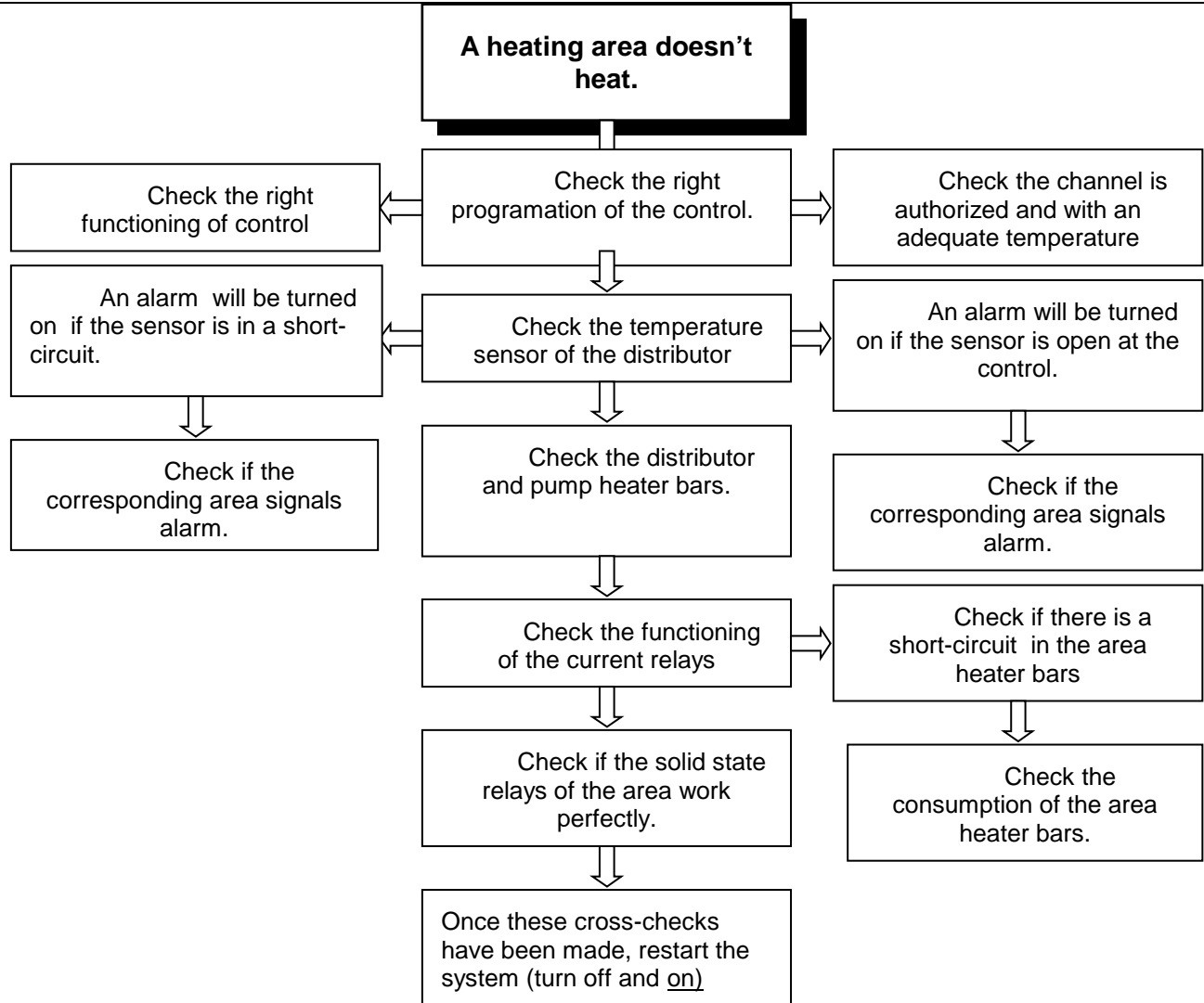


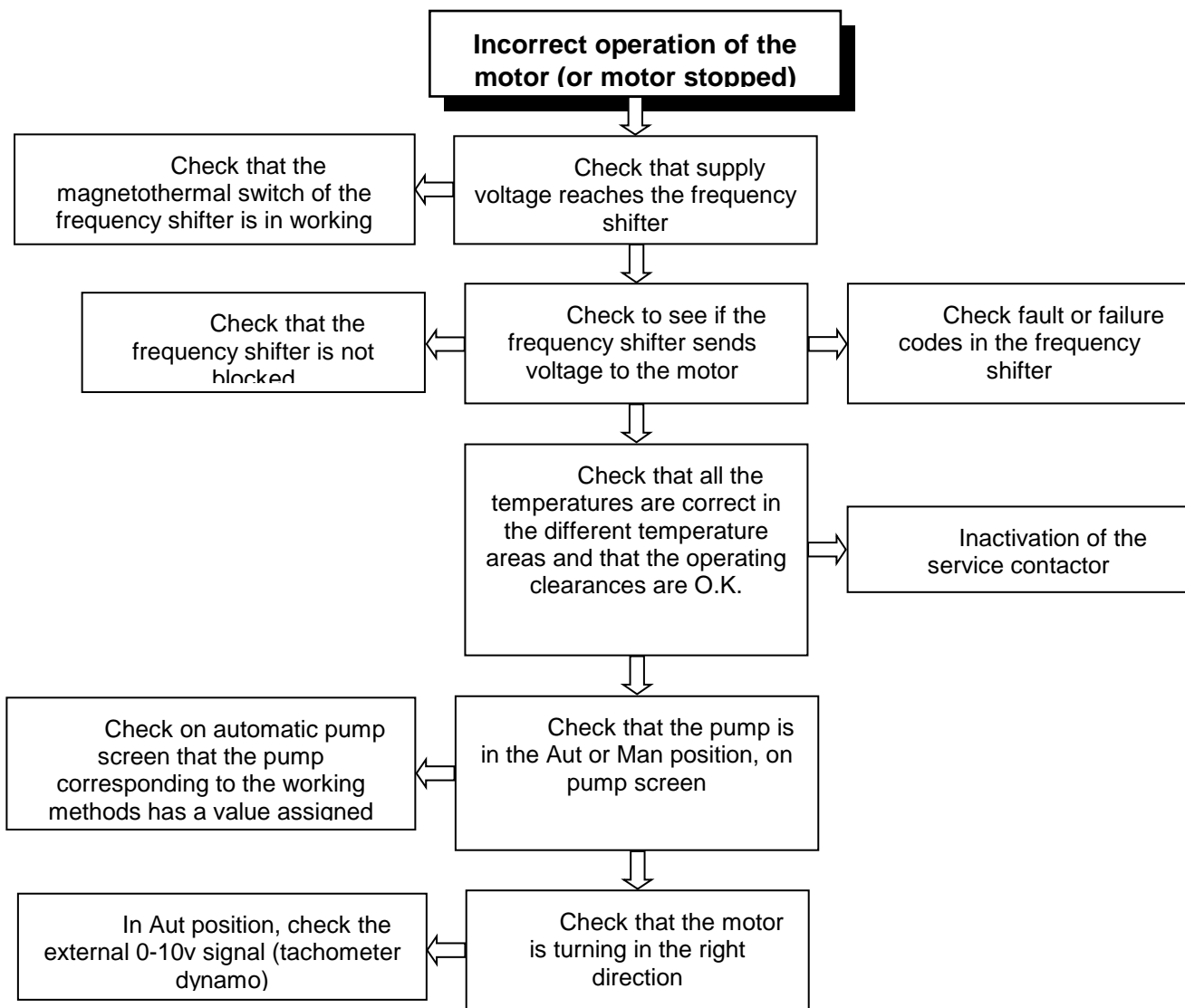
7.3. ELECTRICAL FAULTS:

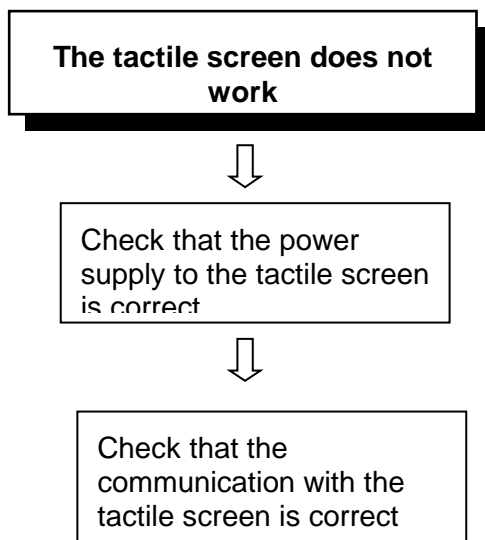
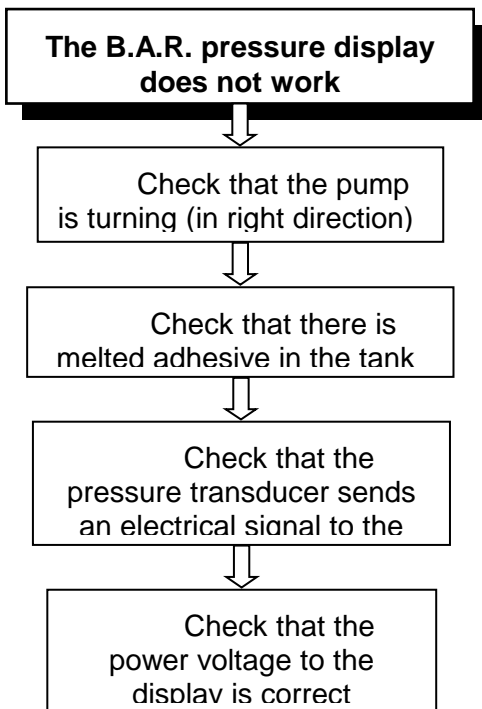




VALCO MELTON

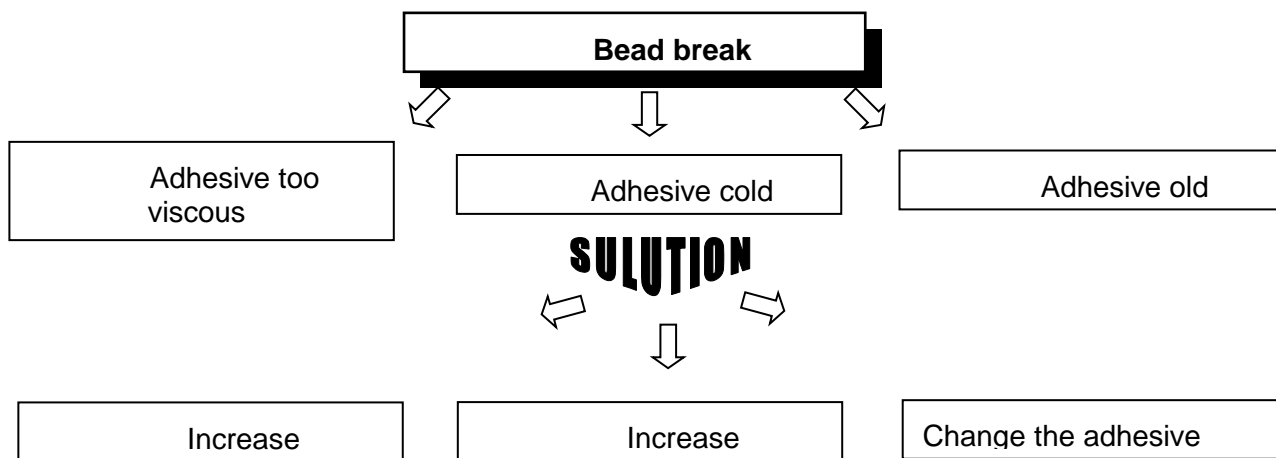
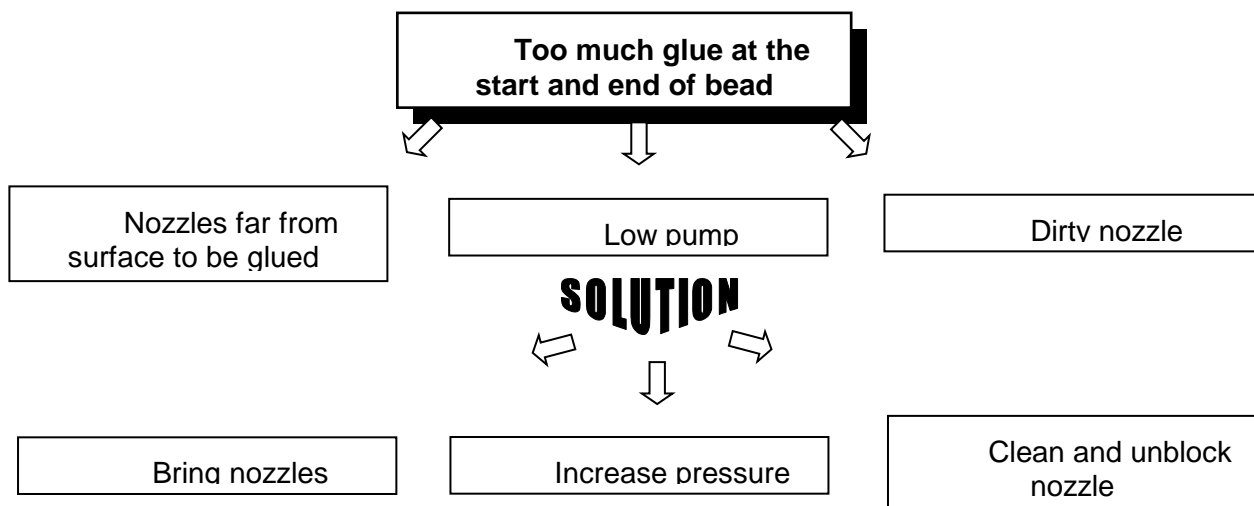
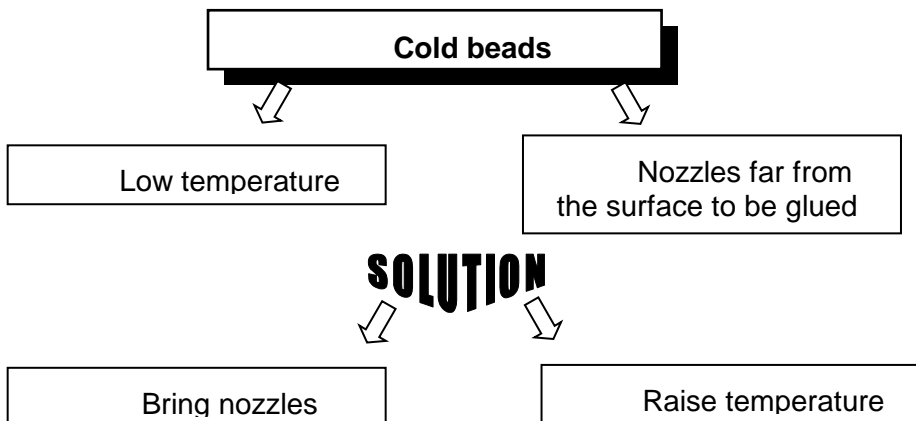








7.4. ADHESIVE APPLICATION PROBLEMS:





VALCO MELTON

Adhesive with fine threads



Bring closer

SOLUTION

Applicator far from the surface to be glued



Adhesive cold

SOLUTION

Slightly increase the temperature



Fill tank with new adhesive

SOLUTION

Adhesive old



Adhesive too viscous

SOLUTION

Slightly increase the temperature



Preheat the substrate

SOLUTION

Draught on the applicator and/or low ambient temperature

SOLUTION

Screen applicator to protect it

SOLUTION



Slightly increase the temperature of the adhesive

Warm the ambient air



VALCOM MELTON

Drops of adhesive in the applicator nozzle

Hole blocked and/or seat worn or dirty

Opening of obturators not correctly

Incorrect air pressure to obturator drive valves

SOLUTION

Clean and/or replace dirty and/or worn

Regulate the opening of the obturators

Adjust air pressure

Frequent obstruction of nozzles

Rinse the

SOLUTION

Increase in solids

SOLUTION

Clean filters

SOLUTION

Change type of adhesive

Reduce

Too much adhesive flow

Excessive pump speed

Flow control valve too open

Nozzle outlet too large

SOLUTIONS

Reduce pump speed or open regulator

Change to a smaller nozzle

Close by twisting several times



VALCO MELTON

Rebounds or splashes of adhesive from the substrate



Adhesive temperature too high

SOLUTION

Reduce tank temperature



Reduce air pressure of the pump

SOLUTION

Air pressure in the pump too high



Reduce air pressure of the pump

SOLUTION

Viscosity of adhesives too low

SOLUTION

Use nozzle of smaller calibre

SOLUTION

Reduce

Use adhesive with higher viscosity

Adhesive smoking



Applicator far from the surface to be glued

SOLUTION

Reduce temperature



Adhesive cold

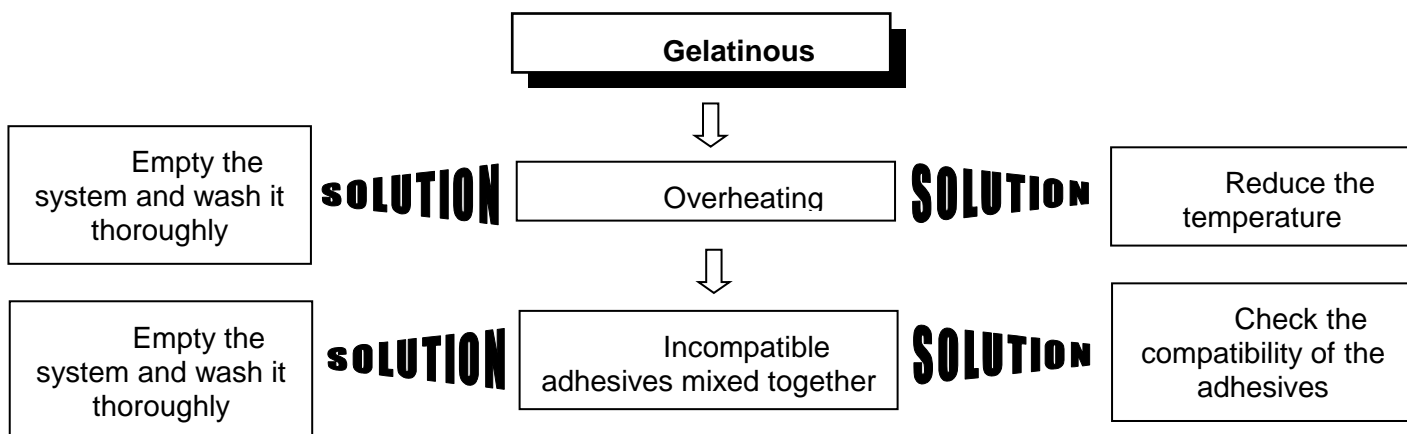
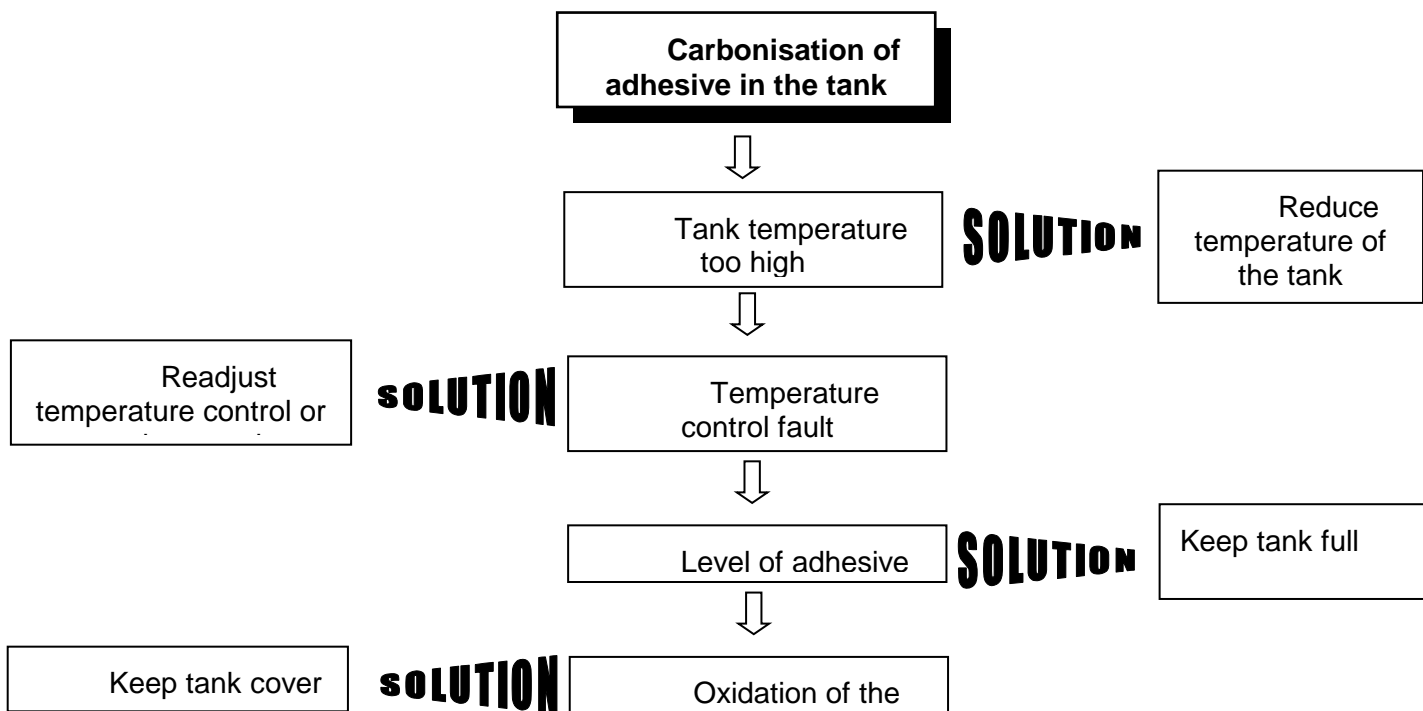
SOLUTION

Use more stable adhesive

Keep the tank cover closed



VALCO MELTON





VALCO MELTON

Bubbles in the adhesive



Tank empty

SOLUTION

Fill the tank and operate applicators until the bubbles disappear



Slightly increase the

SOLUTION

Adhesive too viscous

SOLUTION

Use an adhesive of lower viscosity



Check by applying adhesive on dry substrate

SOLUTION

Humidity in the

SOLUTION

Dry the substrate. Operate applicator until the bubbles disappear



Use adhesive that is free of humidity

SOLUTION

Humidity in the

SOLUTION

Check for humidity in the adhesive

SOLUTION

Consult the adhesive manufacturer

ANNEX A

**PNEUMATIC PRESSURE REGULATOR
ASSEMBLY**

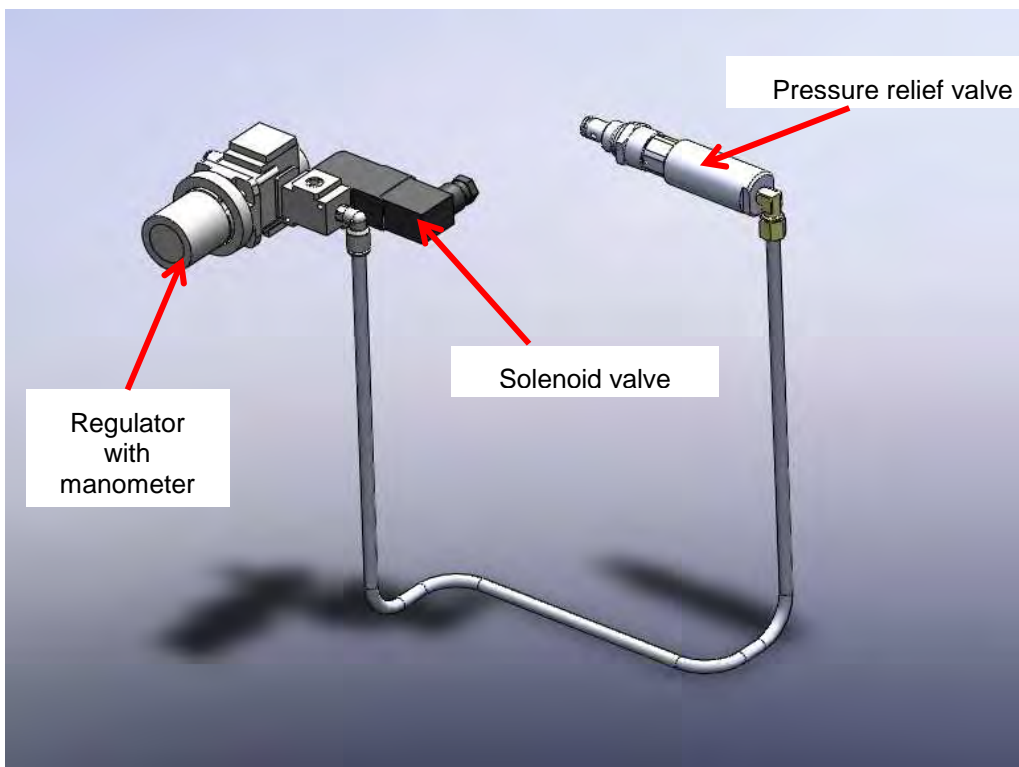
A.1. DESCRIPTION

A.1.1. INTRODUCTION

Flexmelt pneumatic pressure regulator. Controls the adhesive pressure to the manifold outlet. Prevents overpressure in the guns when starting the application.

A.1.2. MAIN PARTS

The main parts of the system are shown in the following figure:



A.1.2.1. Regulator with Pressure Gauge:

The manual control to select the desired pressure.

A.1.2.2. Electrovalve:

Opens and closes the air inlet; in other words, it enables or disables the regulation system.

A.1.2.3. Pressure relief Valve:

The actuator that regulates the adhesive pressure in the manifold outlet and controls how much adhesive is re-circulated.

A.2. MACHINE INSTALLATION

A.2.1. INTRODUCTION

This chapter explains how to install the machine correctly.



WARNING: The operations described in this chapter should be performed by qualified personnel, following safety instructions.

A.2.2 INSTALLATION REQUIREMENTS

In order for the machine to work properly, there needs to be a 0-24VDC signal to activate the electrovalve and a compressed air circuit.

Avoid extreme room temperatures (below -10°C and above +50°C).

A.2.3. MECHANICAL INSTALLATION



WARNING: The installation operations indicated in this chapter must only be done by qualified personnel who understand the steps to take and are familiar with all safety measures.



This chapter outlines the procedures for installing the unit properly. Following these procedures will ensure safe operation and a long useful life of the unit. Carefully read Chapter 1: Safety before starting any installation process.

Before beginning, verify that the operator is duly protected and all safety measures are being followed.

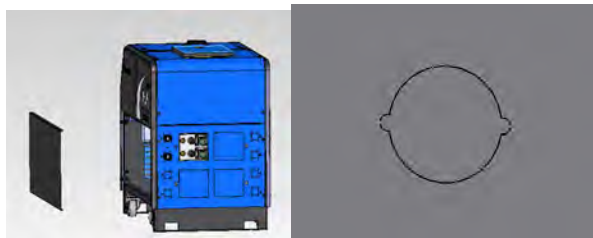
- 1 Cut off the air.
- 2 Disconnect the general switch.
- 3 Protect the general switch with the key to prevent accidental connections.
- 4 Verify there is no power.
- 5 Verify there is no pressure in the adhesive; bleed if necessary.
- 6 Operate following the applicable safety instructions.



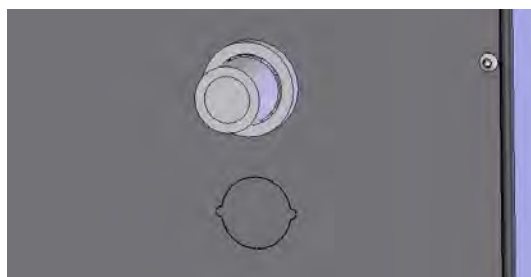
Make sure the regulation system air intake is positioned after the air depressurisation valve on the main pneumatic installation or make sure the electrovalve activation signal is connected to the safety line on the main machine.

1. Remove the side frame.

2. Remove the pre-cut side where you wish to install the regulator with the pressure gauge.

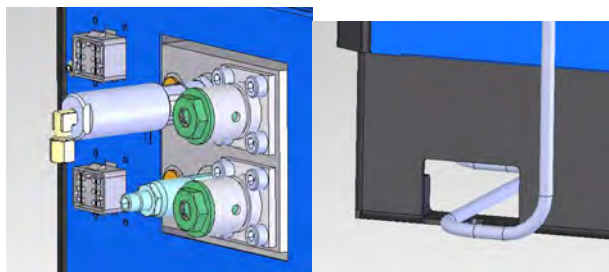


3. Position the regulator with the pressure gauge.



4. Position the depressurisation valve on the manifold.

5. Connect the tube by placing it through the rectangular hole on the bottom.





A.2.4. ELECTRICAL WIRING

The electrovalve must be connected to a 0-24 VDC activation signal on the main machine.

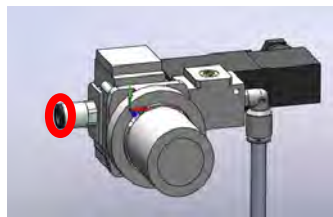


A.2.5. PNEUMATIC CONNECTION

The regulator features a pneumatic connection for a Ø8 tube.

It is situated on the regulator with the pressure gauge.

At least 6 bars of pressure are necessary.



A.3. MACHINE ADJUSTMENTS

A.3.1. INTRODUCTION



Before operating the machine, you must read the manual and understand it in order to ensure the proper, safe operation of the unit.

The operator must do a series of movements in order to start the application.

The adhesive temperature is controlled by the feeder (see the corresponding manual).

A.3.2. PRESSURE CONTROL

The depressurisation valve features a pressure ratio of 15:1. This means that for each bar of pressure on the pressure gauge, there are 15 bars of pressure in the manifold outlet.

1. Unlock the regulator. To do so, pull the grip until the orange edge appears.
2. Adjust the regulator to the desired pressure.
3. Lock the regulator. Push the grip. If it does not lock easily, turn slightly to the left and to the right and place pressure on it. The orange edge should disappear.

A.3.3. TURNING THE UNIT ON

The unit is activated with a 0-24VDC signal.

ANNEX B

TORQUE INSTRUCTIONS

Torque and UNF Connectors:

Apply the torque shown in the following table.

Screw	Torque
1/2-8 o'clock	32 Nm
9/16-6 o'clock	40 Nm
3/4-14 o'clock	70 Nm

To tighten sliding nuts and hoses, tighten the screw with your hand until you can't tighten anymore. Then, tighten with a wrench 1 more turn.

Torque and NPT/BSP Connectors:

Apply high temperature sealant to the screw at 2 opposite points.

Screw the cover by holding the hex key by the hexagon until you can't tighten anymore. Then, tighten with a wrench 3 more turns.

Tightening Screws on Steel or Helicoil:

Apply the torque shown in the following tables. Helicoil is considered to be a non-lubricated joint.

Non-lubricated joint	
Screw	Torque
M4	2.6
M5	5.1
M6	8.7
M8	22
M10	43
M12	75
M14	119
M16	189
M18	265
M20	373

Lubricated joint	
Screw	Torque
M4	1.7
M5	3.4
M6	5.8
M8	14
M10	28
M12	49
M14	77
M16	120
M18	175
M20	240

Tightening Screws on Other Materials:

Apply the torque shown in the following table.

Screw	M3	M4	M5	M6	M8	M10
Aluminium	0.36	0.85	1.6	2.8	7	13
Brass	0.5	1.2	2.2	3.9	9	17

Tightening Screws on Electrical Elements:

Connection Type	Torque (Nm)	Situations
Power	2	differential, magneto-thermal, breakers, contactors, 6 to 10 mm ² terminals and solid-state relays.
Manoeuvre	1	Small relays, power sources, 4 mm ² terminals.
Control	0.5	Control terminal blocks of Allen Bradley and B&R variators, terminals up to 2.5mm ² . In general, any control terminal block.

ANNEX C

LOG SHEETS

<i>DATE</i>	<i>INCIDENCE</i>

MUS0800203

13/01/2016



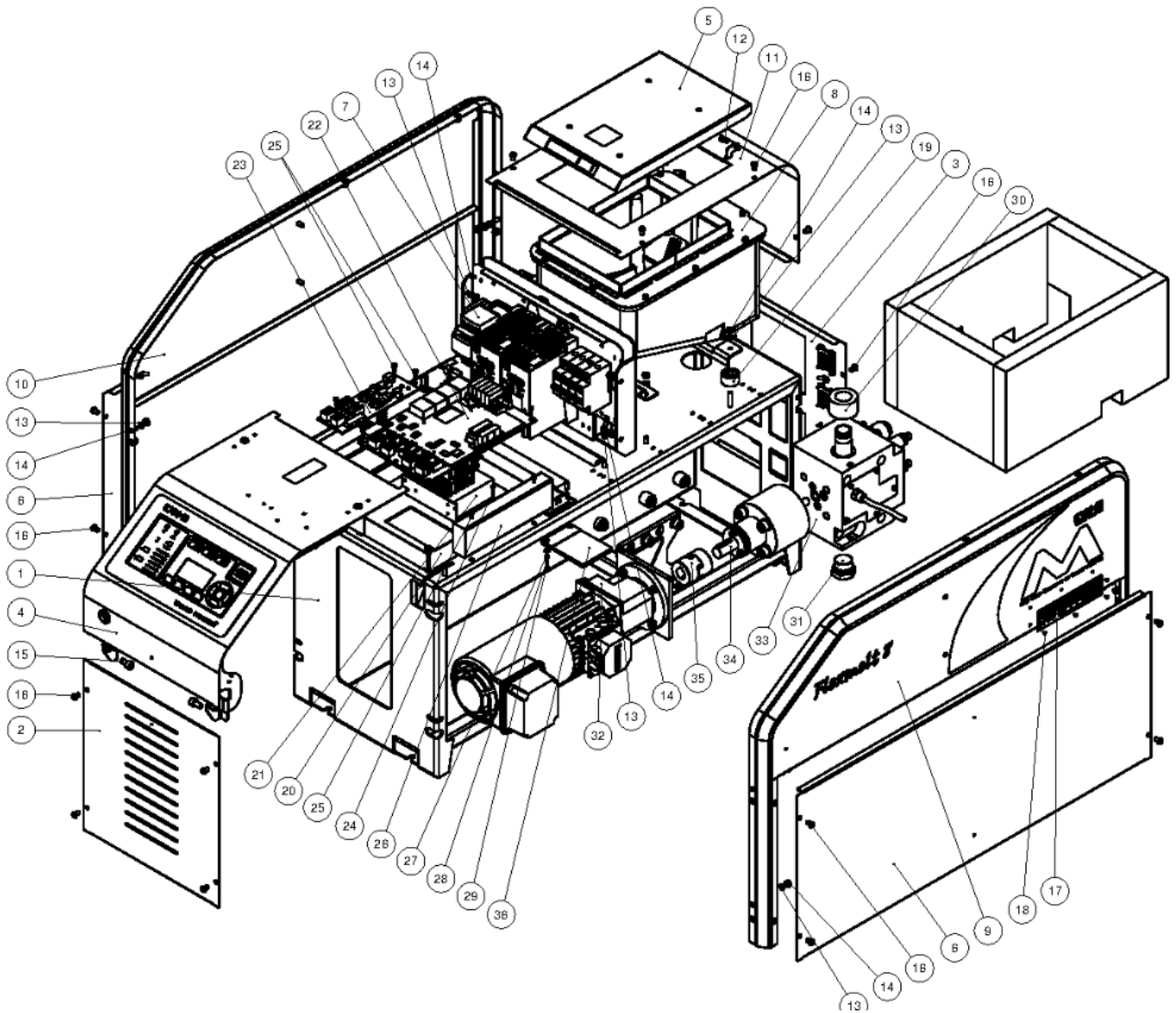
DESPIECE / PART LISTING
EQUIPO FLEXMELT 8 / FLEXMELT 8
EQUIPMENT



INDICE / INDEX

01. CONJUNTO ENCOLADOR FLEXMELT 8 - 2 BOMBAS / FLEXMELT 8 - 2 PUMPS EQUIPMENT ASSEMBLY:	3
02. SUBCONJUNTO CHAPA FRONTAL DELANTERA /FRONT PLATE ASSEMBLY:.....	7
03. SUBCONJUNTO CHAPA CONECTORES / CONNECTORS PLATE ASSEMBLY:.....	8
04. SUBCONJUNTO FRONTAL / FRONT ASSEMBLY.....	11
05. SUBCONJUNTO TAPA DEPOSITO / TANK LID ASSEMBLY	13
06. SUBCONJUNTO CHAPA BASTIDOR / BASEFRAME SHEET ASSEMBLY:.....	14
07. SUBCONJUNTO TABIQUE TÉRMICO / THERMAL PARTITION ASSEMBLY:.....	15
08. SUBCONJUNTO DEPOSITO / TANK ASSEMBLY:	16
09. SUBCONJUNTO LATERAL DCHO / RIGHT LATERAL ASSEMBLY:.....	17
10. SUBCONJUNTO LATERAL IZDO / LEFT LATERAL ASSEMBLY:	17
11. SUBCONJUNTO CHAPA SUPERIOR / TOP PLATE ASSEMBLY:	18
12. SUBCONJUNTO MOTOR / MOTOR ASSEMBLY:	19
13.1. CONJUNTO DISTRIBUIDOR BOMBA SIMPLE / SIMPLE PUMP MANIFOLD ASSEMBLY:	20
13.2. CONJUNTO DISTRIBUIDOR BOMBA DOBLE / DOUBLE PUMP MANIFOLD ASSEMBLY:	22
14. SUBCONJUNTO FILTRO / FILTER ASSEMBLY:	24
15. KIT DE RUEDAS FLEXMELT / FLEXMELT WHEEL KIT:	25
16. REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (917XX971):	26
17. KIT SONDA DE NIVEL FLEXMELT / FLEXMELT LEVEL SENSOR KIT (917XX976).....	27

1. CONJUNTO ENCOLADOR FLEXMELT 8 / FLEXMELT 8 PUMPS EQUIPMENT ASSEMBLY:



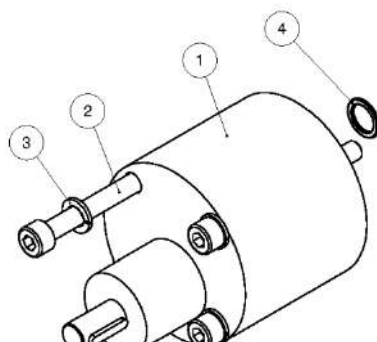


Nº	Descripción	Description	Ref.	Ref.	Qty
1	BASTIDOR FLEXMELT 2 BOMBAS	2 PUMPS FM BASEFRAME	914XX640		1
2	SUBCJTO. CHAPA FRONTAL DEL. FLEXMELT 2 B	FM 2 PUMPS FRONT PLATE ASSEMBLY	Page 7		1
3	SUBCTO. CHAPA CONECTORES FLEXMELT 2B- 4S	FM 2P 4 OUT CONNECTION PLATE ASSY	Page 8		1
4	SUBCTO. FONTAL FLEXMELT 8 - 1 / 2 BOMBAS	FM8 1/2 PUMPS FRONT ASSEMBLY	Page 9		1
5	SUBCJTO. TAPA DEPOSITO FLEXMELT 8/14/30	FM8/14/30TANK LID ASSEMBLY	Page 10		1
6	SUBCONJUNTO CHAPA BASTIDOR FLEXMELT	FM BASEFRAME PLATE ASSEMBLY	Page 11		2
7	SUBCTO. TAB. TERMICO FLEXMELT 8 - 1 BOMB	FM8-1 PUMP THERMAL PARTITION	Page 12		1
8	SUBCONJUNTO DEPOSITO FLEXMELT 8 - 1/2 B	FM8-1/2 PUMPS TANK ASSEMBLY	Page 13		1
9	SUBCJTO. LATERAL DCHO. FLEXMELT 8	FM8 RIGHT LATERAL ASSEMBLY	Page 14		1
10	SUBCJTO. LATERAL IZDO. FLEXMELT 8	FM8 LEFT LATERAL ASSEMBLY	Page 14		1
11	SUBCJTO. CHAPA SUPERIOR FLEXMELT 8	FM8 TOP PLATE ASSEMBLY	Page 15		1
12	TORNILLO ALLEN M5X10 INOX.	ALLEN SCREW M5X10 STAINLESS	910XX968		2
13	ARANDELA GROWER M6 INOX. DIN 7980	GROVER WASHER M6 STAINLESS	910XX131		18
14	TUERCA HEXAGONAL M6 INOX	HEXAGONAL NUT M6 STAINLESS	910XX195		18
15	TORNILLO ALLEN M8X15 INOX.	ALLEN SCREW M8X15 INOX	914XX067		2
16	BHCS, M6 X 10.0 LG, S.S.	BHCS, M6 X 10.0 LG, S.S.	784XX491		22
17	CHAPA MATRICULA	IDENTIFICATION SHEET	917XX326		1
18	REMACHES POP 2,4X5,1 (MANG.)	2,4X5,1 POP RIVET	915XX249		6
19	AISLANTE PATA DEPOSITO	TANK LEG INSULATOR	910XX072		2
20	PROTECCION TRASERA TARJETA	BOARD REAR PROTECTION	914XX641		1
21	FUENTE ALIMENTACION 75W 24VDC PROTEC	POWER SUPPLY 75W 24 VDC	depending model		1
22	PCB ASSY, 12 ZONE GEAR PT100	PCB ASSY, 12 ZONE GEAR PT100	151XX679		1
23	CHAPA SUSTITUCION TARJETA	BOARD REPLACEMENT SHEET	depending model		1
24	TORNILLO ALLEN M3X10 INOX	ALLEN SCREW M3X10 STAINLESS	910XX084		2
25	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		17
26	CANALETA RANURADA 30X60 (METROS)	SLOTTED ELECTRICAL CONDUIT	914XX674		,42
27	ARANDELA PLANA M4 INOX	M4 PLAIN WASHER STAINLESS	914XX330		4
28	ARANDELA GROWER M4 INOX.	GROVER WASHER M4 STAINLESS	910XX332		4
29	TORNILLO ALLEN M4X16 INOX.	ALLEN SCREW M4X16 STAINLESS	917XX543		4
30	TUBO FOAM ROJO SILICONA D. 20	Ø20 SILICONE RED FOAM TUBE	914XX642		,03
31	TAPON M30X1.5 CON JUNTA	SCREW CAP M30X1,5 WITH O-RING	914XX177	911XX428	1
	JUNTA TORICA VITON 26X2	VITON O-RING Ø26X2			1
32	SUBCONJUNTO MOTOR FLEXMELT	FLEXMELT MOTOR ASSEMBLY	Page 16		depending model
33	CONJUNTO DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ASSEMBLY	depending model		depending model
34	KIT BOMBA ENGRANAJES	GEAR PUMP KIT	depending model		depending model
35	ACOPLAMIENTO	COUPLING	depending model		depending model
36	CEPILLO BASTIDOR 2 BOMBAS FLEXMELT	FLEXMELT 2 PUMPS BASEFRAME BRUSH	914XX643		2

Nº	Qty	
	8-1 P	8-2 P
32	1	2
33	1	2
34	1	2
35	1	2

23	CHAPA SUSTITUCION TARJETA 6 SALIDAS	6S BOARD REPLACEMENT SHEET	918XX642
	PCB ASSY, 5/6 ZONE OPTION BOARD	PCB ASSY, 5/6 ZONE OPTION BOARD	151XX649

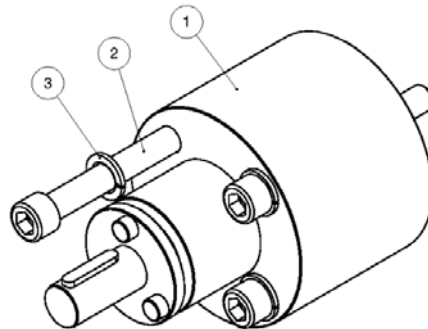
SIMPLE PUMP			
Nº	Descripción	Description	Ref.
33	SUBCJTO. DISTRIBUIDOR B/SIMPLE FLEXMELT	FM SIMPLE PUMP MANIFOLD ASSEMBLY	Page 17
34	KIT BOMBA ENGRANAJES SIMPLE	SIMPLE GEAR PUMP KIT	depending model
35	ACOPLAMIENTO Ø20-Ø12	Ø20-Ø32 COUPLING	914XX644



Nº	Descripción	Description	Ref.	Qty
1	BOMBA ENGRANAJES	GEAR PUMP	depending model	1
2	TORNILLO ALLEN M8 INOX	ALLEN SCREW M8 STAINLESS	depending model	4
3	ARANDELA GROWER M8 INOX.	M8 GROVER WASHER STAINLESS	910XX135	4
4	JUNTA TORICA VITON 12X2	VITON O-RING Ø12X2	910XX049	1

1	BOMBA ENGRANAJES 0,45 CC/REV M.V.V.	GEAR PUMP 0,45CC/REV	916XX239
2	TORNILLO ALLEN M8X50 INOX	ALLEN SCREW M8X50 STAINLESS	911XX154
1	BOMBA ENGRANAJES 1 CC/REV M.V.V.	GEAR PUMP 1 CC/REV	917XX165
2	TORNILLO ALLEN M8X50 INOX	ALLEN SCREW M8X50 STAINLESS	911XX154
1	BOMBA ENGRANAJES 2,5 CC/REV M.V.V.	GEAR PUMP 2,5 CC/REV	918XX026
2	TORNILLO ALLEN M8X55 INOX	ALLEN SCREW M8X55 STAINLESS	915XX222
1	BOMBA ENGRANAJES 4 CC/REV M.V.V.	GEAR PUMP 4 CC/REV	916XX050
2	TORNILLO ALLEN M8X60 INOX.	ALLEN SCREW M8X60 STAINLESS	917XX274
1	BOMBA ENGRANAJES 8 CC/REV M.V.V.	GEAR PUMP 8 CC/REV	918XX045
2	TORNILLO ALLEN M8X80 INOX	ALLEN SCREW M8X80 STAINLESS	910XX748

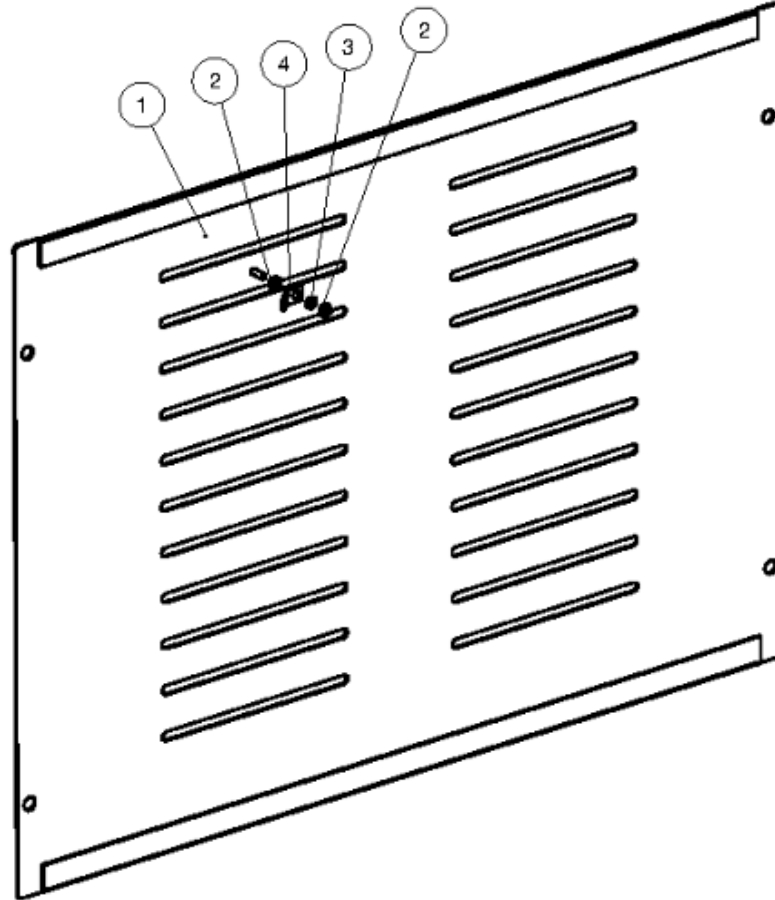
DOUBLE PUMP			
<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>
33	SUBCJTO. DISTRIBUIDOR B/DOBLE FLEXMELT	FM DOUBLE PUMP MANIFOLD ASSEMBLY	Page 18
34	KIT BOMBA ENGRANAJES DOBLE	DOUBLE GEAR PUMP KIT	depending model
35	ACOPLAMIENTO Ø20-Ø20	Ø20-Ø20 COUPLING	914XX645



<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>
1	BOMBA ENGRANES 2X0,6CC/REV M.V.V.	GEAR PUMP 2X0,6CC/REV	depending model
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	depending model
3	ARANDELA GROVER M12	GROVER WASHER M12 STAINLESS	917XX515

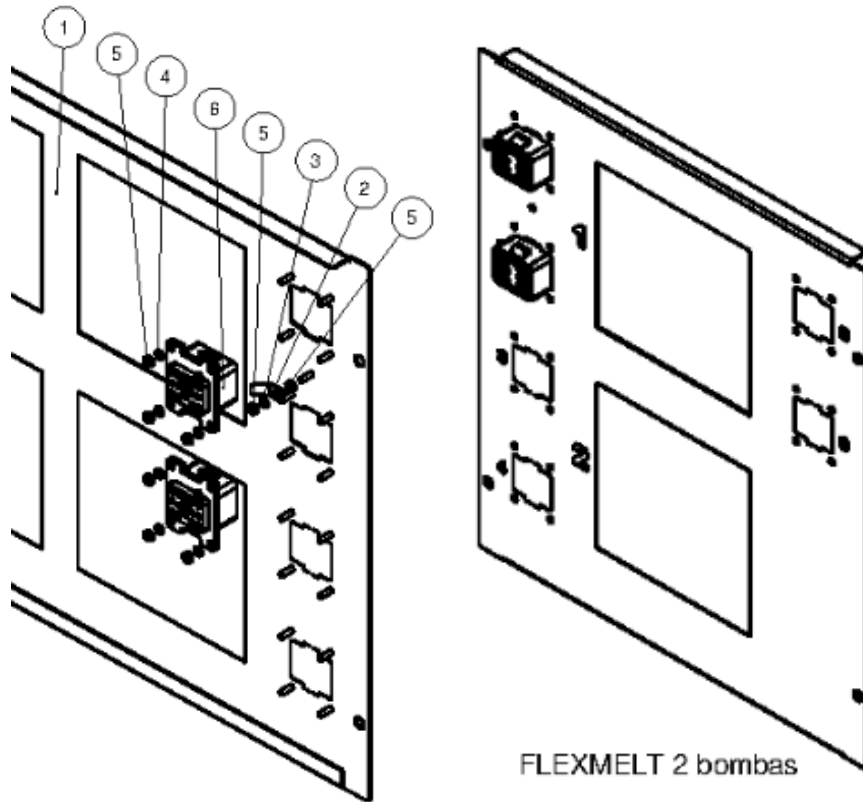
1	BOMBA ENGRANES 2X0,4CC/REV M.V.V.	GEAR PUMP 2X0,4CC/REV	911XX722
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	912XX644
1	BOMBA ENGRANES 2X0,6CC/REV M.V.V.	GEAR PUMP 2X0,6CC/REV	918XX038
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	912XX644
1	BOMBA ENGRANES 2X1,2CC/REV M.V.V.	GEAR PUMP 2X1,2CC/REV	918XX039
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	912XX644
1	BOMBA ENGRANES 2X2,4CC/REV M.V.V.	GEAR PUMP 2X2,4CC/REV	918XX047
2	TORNILLO ALLEN M12X90 INOX.	ALLEN SCREW M12X90 STAINLESS	912XX494
1	BOMBA ENGRANES 2X4,8CC/REV M.V.V.	GEAR PUMP 2X4,8CC/REV	918XX103
2	TORNILLO ALLEN M12X100 INOX.	ALLEN SCREW M12X100 STAINLESS	914XX181

2. SUBCONJUNTO CHAPA FRONTAL DELANTERA /FRONT PLATE ASSEMBLY:



Nº	Descripción	Description	Ref.	Qty
1	CHAPA FRONTAL DELANT. FLEXMELT 2 BOMBAS	FM 2 PUMPS FRONT SHEET	914XX646	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1

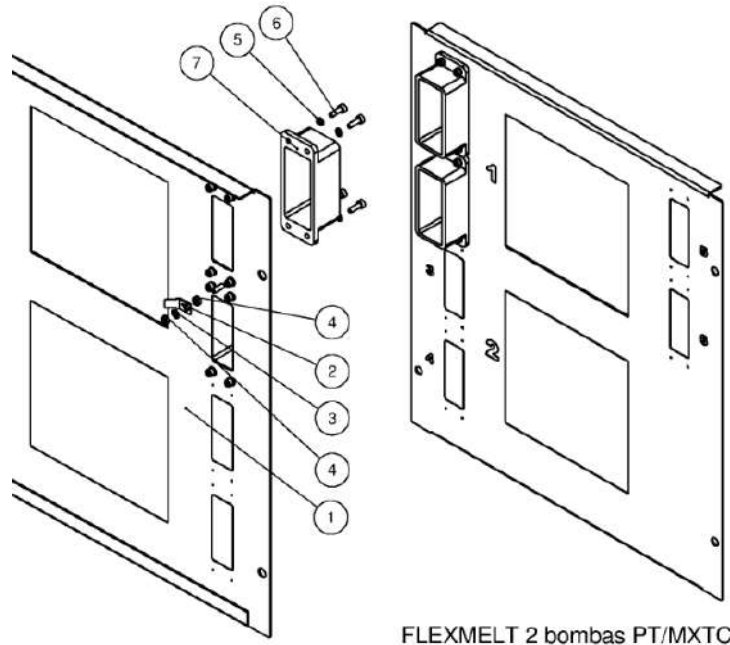
3. SUBCONJUNTO CHAPA CONECTORES / CONNECTORS PLATE ASSEMBLY:



Nº	Descripción	Description	Ref.	Qty
1	CHAPA CONECTORES FLEXMELT 2 BOMBAS	FM 2 PUMPS CONNECTORS SHEET	914XX647	1
2	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	depending model
5	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	depending model
6	MAZO MANGUERA-PISTOLA	GUN-HOSE WIRING HARNESS	depending model	depending model

	2 SALIDAS	4 SALIDAS	6 SALIDAS	8 SALIDAS
4	8	16	24	32
5	10	18	26	34
6	2	4	6	8

PT/MXTC

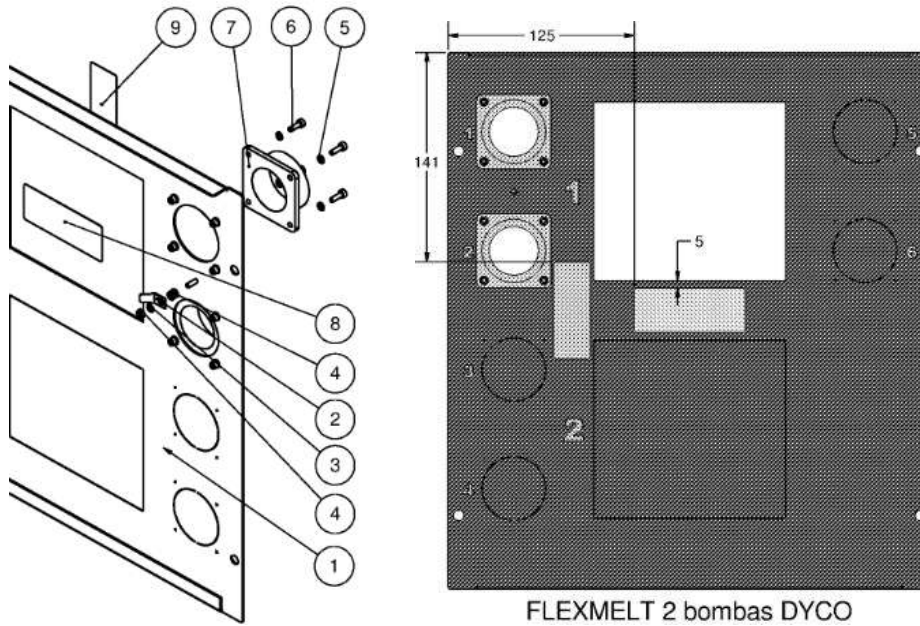


FLEXMELT 2 bombas PT/MXTC

Nº	Descripción	Description	Ref.	Qty
1	CHAPA CONECTORES FLEXMELT 2 BOM. PT/MXTC	FM 2P PT/MXTC CONNECTORS SHEET	914XX740	1
2	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
5	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	depending model
6	TORNILLO ALLEN M3X10 INOX	ALLEN SCREW M3X10 STAINLESS	910XX084	depending model
7	MAZO MANGUERA PISTOLA FM PT/MXTC	HOSE GUN WIRING HARNESS PT/MXTC	depending model	depending model
8	TUERCA REMACHABLE M3 C/AVELLANADA	COUNTERSUNK BLIND RIVET NUT	914XX739	depending model

	2 SALIDAS	4 SALIDAS	6 SALIDAS	8 SALIDAS
5				
6	8	16	24	32
7	2	4	6	8
8	8	16	24	32

DYCO

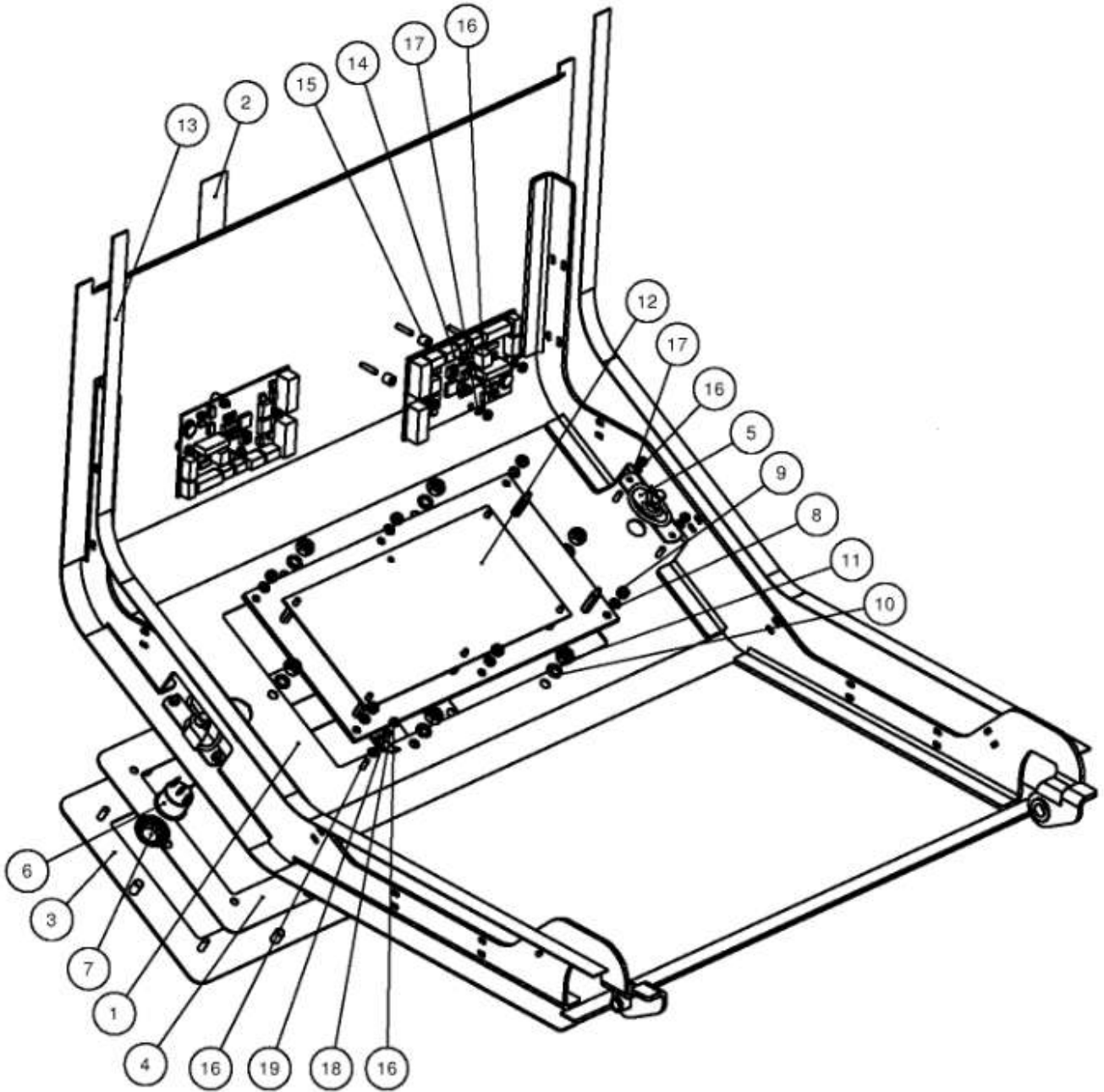


FLEXMELT 2 bombas DYCO

Nº	Descripción	Description	Ref.	Qty
1	CHAPA CONECTORES FLEXMELT 4 BOMBAS DYCO	#N/A	913XX246	1
2	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
5	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	depending model
6	TORNILLO ALLEN M3X10 INOX	ALLEN SCREW M3X10 STAINLESS	910XX084	depending model
7	MAZO CABLES	WIRING HARNESS	depending model	depending model
8	PEGATINA ALTA TEMPERATURA FLEXMELT	FLEXMELT HIGH TEMPERATURE RISK BUMPER	913XX124	1
9	PEGATINA RIESGO ELECTRICO	ELECTRIC RISK BUMPER	917XX266	1
	TUERCA REMACHABLE M3 C/AVELLANADA	M3 COUNTERSUNK BLIND RIVET NUT	914XX739	24

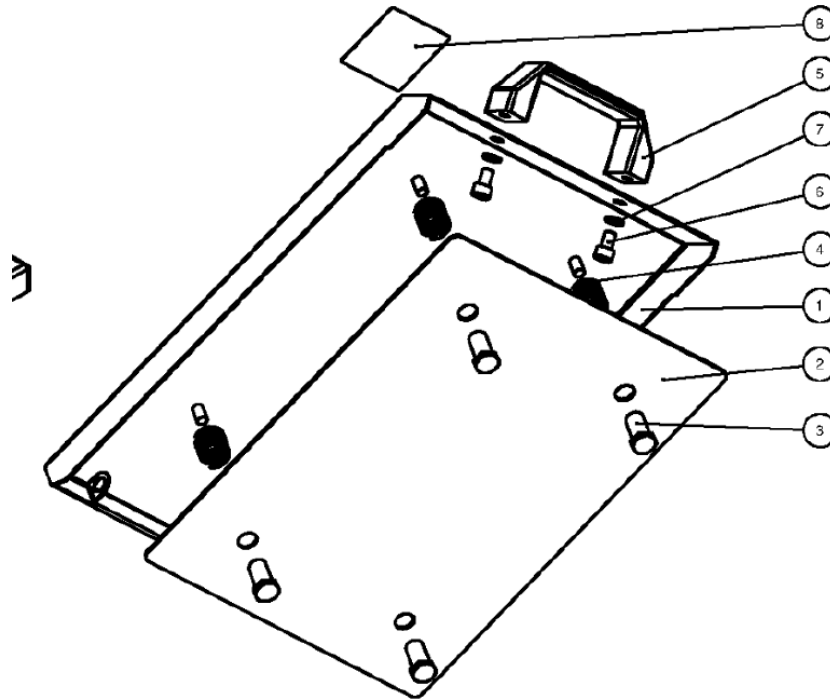
Nº	2S	4S	6S	8S
5	8	16	24	32
6				
7	2	4	6	8

4. SUBCONJUNTO FRONTAL / FRONT ASSEMBLY



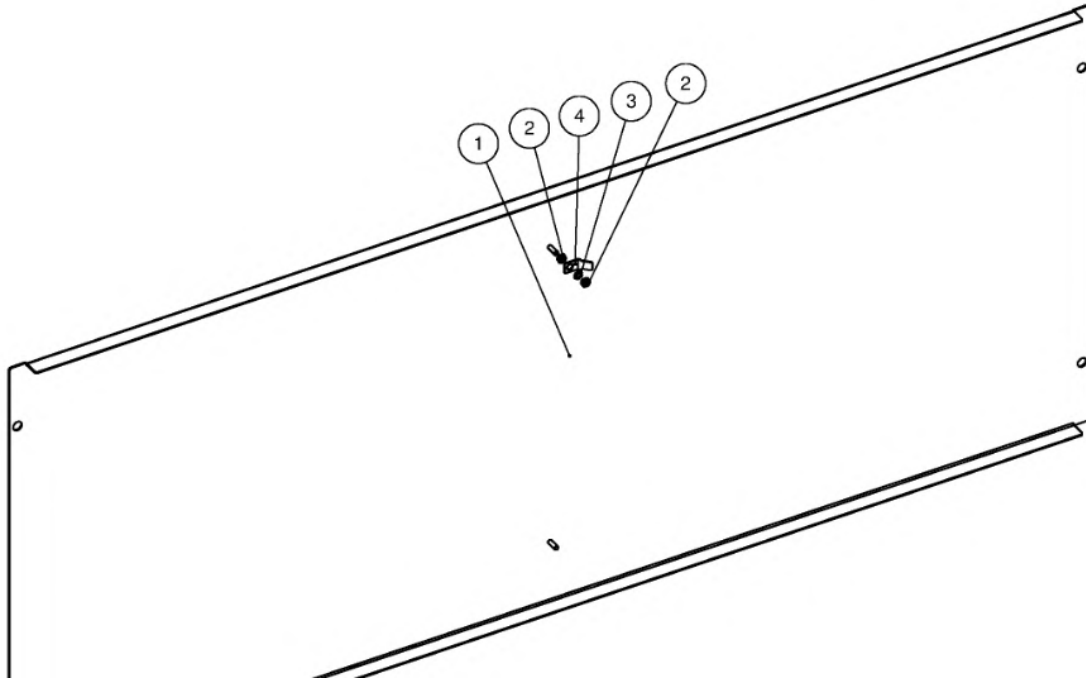
<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>	<i>Qty</i>
1	FRONTAL FLEXMELT 8	FLEXMELT 8 FRONT PLATE	914XX648	1
2	PEGATINA RIESGO ELECTRICO	ELECTRIC RISK BUMPER	917XX266	1
3	MARCO TARJETA CONTROL PROVISIONAL	CONTROL BOARD FRAME	918XX814	1
4	JUNTA MARCO GRANDE	BIG FRAME JOINT	914XX506	1
5	CIERRE DE PRESION SOUTHCO 57-10-811-10	SOUTHCO PRESSURE CLOSING	914XX649	2
6	INTERRUPTOR REDONDO 2 POLOS	BIPOLAR ROUND SWITCH	918XX637	1
7	PROTECCION INTERRUPTOR 2 POLOS	BIPOLAR SWITCH PROTECTION	918XX638	1
8	ARANDELA GROWER M4 INOX.	GROVER WASHER M4 STAINLESS	910XX332	6
9	TUERCA HEXAGONAL M4 INOX.	HEXAGONAL NUT M4 STAINLESS	915XX159	6
10	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	6
11	TUERCA HEXAGONAL M6 INOX	HEXAGONAL NUT M6 STAINLESS	910XX195	6
12	OVERLAY ASSY, HOT MELT EC DISP D-SERIES	OVERLAY ASSY, HOT MELT EC DISP D-SERIES	137XX017	1
13	ROLLO JUNTA EURO-FOAM 150	EURO-FOAM JOINT	913XX244	1
14	PCB, ASSEMBLY, DUAL VFD	PCB, ASSEMBLY, DUAL VFD	151XX685	1
15	SPACER, #6 X 1/4"	SPACER, #6 X 1/4"	091XX417	4
16	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	10
17	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	8
18	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
19	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
20	PEGATINA CONEXIONES ELECTRICAS	ELECTRIC CONNECTIONS STICKER	913XX245	1

5. SUBCONJUNTO TAPA DEPOSITO / TANK LID ASSEMBLY



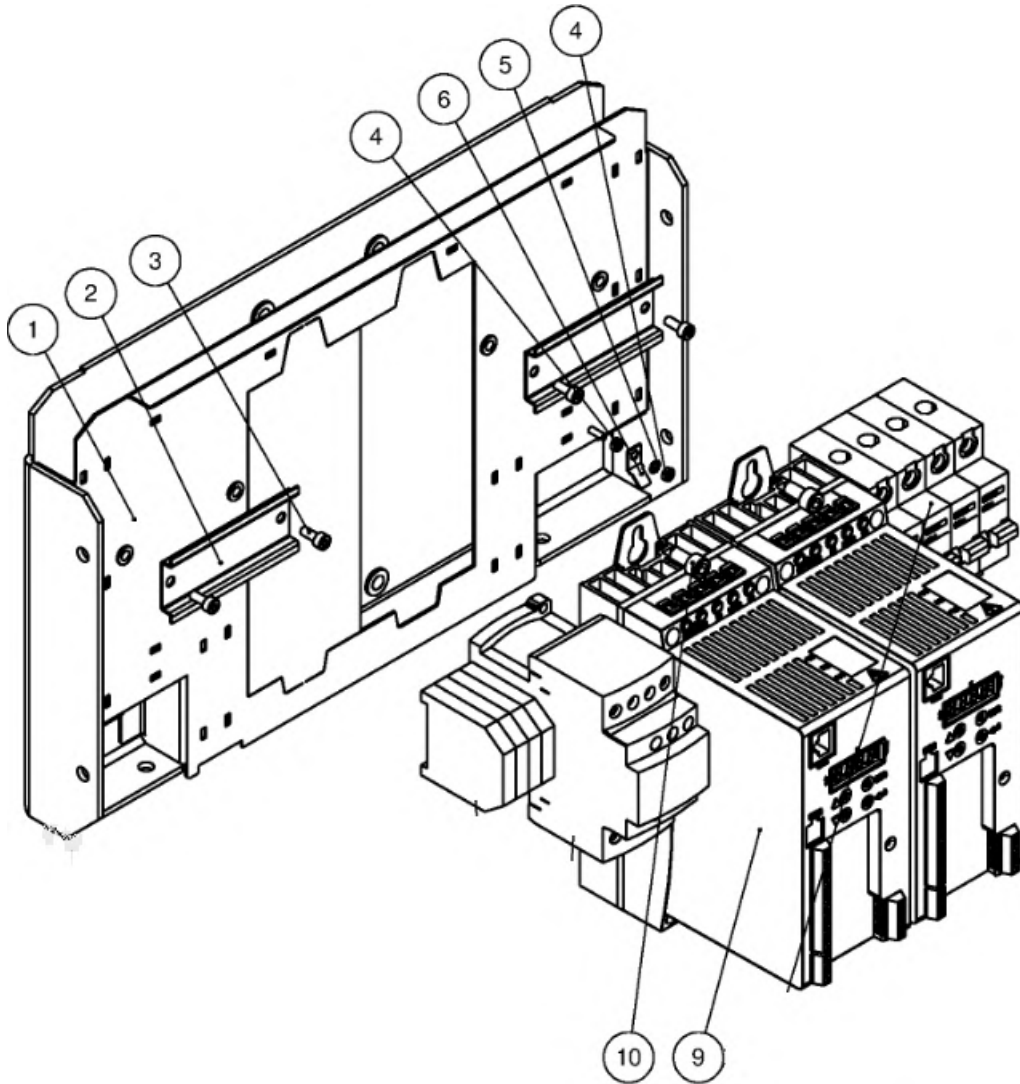
Nº	Descripción	Description	Ref.	Qty
1	TAPA DEPOSITO FLEXMELT 8 / 14 / 30	FM8/14/30TANK LID	914XX650	1
2	CONTRATAPA DEPOSITO FLEXMELT 8 / 14 / 30	FM8/14/30 BACK LID	914XX651	1
3	TUERCA CONTRATAPA	INSIDE TANK COVER NUT	911XX409	4
4	MUELLE TAPA DEPOSITO	TANK COVER SPRING	915XX546	4
5	ASA PEQUEÑA NEGRA CIEGA	LITTLE HANDLER	917XX338	1
6	TORNILLO ALLEN M6X10 INOX.	ALLEN SCREW M6X10 STAINLESS	915XX082	2
7	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	2
8	PEGATINA RIESGO ALTA TEMPERATURA	HIGH TEMPERATURE RISK BUMPER	917XX212	1

6. SUBCONJUNTO CHAPA BASTIDOR / BASEFRAME SHEET ASSEMBLY:



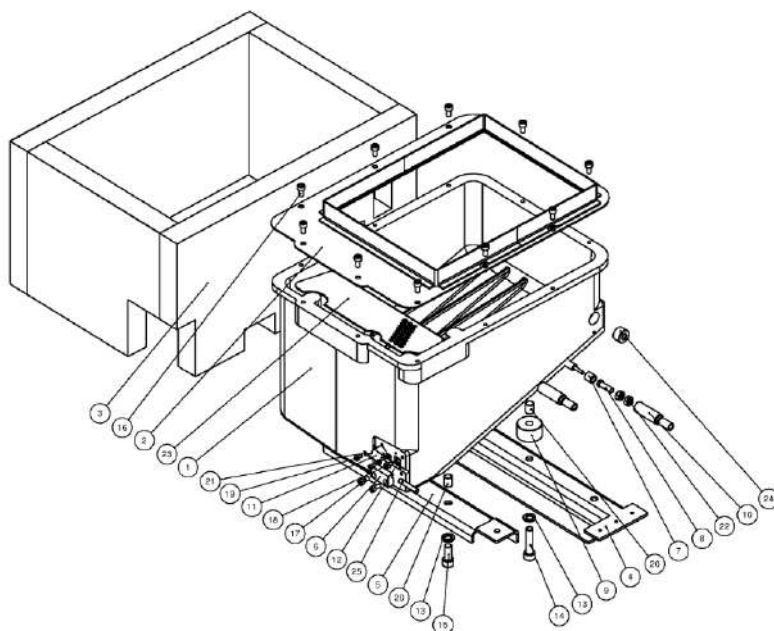
Nº	Descripción	Description	Ref.	Qty
1	CHAPA BASTIDOR FLEXMELT	FLEXMELT BASEFRAME SHEET	914XX652	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1

7. SUBCONJUNTO TABIQUE TÉRMICO / THERMAL PARTITION ASSEMBLY:



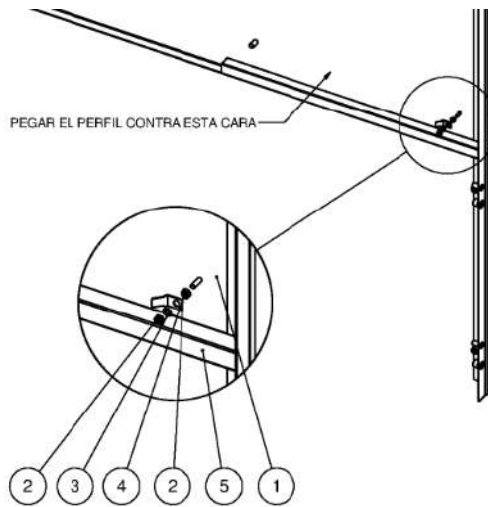
Nº	Descripción	Description	Ref.	Qty
1	TABIQUE TERMICO FLEXMELT 8	FM8 THERMAL PARTITION	914XX653	1
2	CARRIL 105	105 RAIL	918XX570	2
3	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	4
4	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
5	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
6	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
9	VARIADOR LENZE 8400 BASELINE D	LENZE 8400 BASELINE D FREQUENCY CONVERTER	914XX667	1
10	TORNILLO ALLEN M6X12 INOX.	ALLEN SCREW M6X12 STAINLESS	910XX089	2

8. SUBCONJUNTO DEPOSITO / TANK ASSEMBLY:



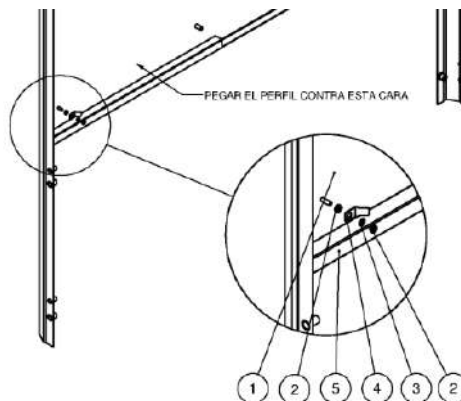
Nº	Descripción	Description	Ref.	Qty
1	DEPOSITO 8 KG. FLEXMELT	FLEXMELT 8 TANK	914XX654	1
2	CHAPA BOCA DEPOSITO FLEXMELT 8	FM8 TANK MOUTH SHEET	914XX655	1
3	KIT AISLAMIENTO DEPOSITO FM 8	FM TANK INSULATION KIT	914XX672	1
4	SOPORTE PATA DELANTERA DEPOSITO	TANK FRONT LEG SUPPORT	914XX657	1
5	SOPORTE PATA TRASERA DEPOSITO	TANK REAR LEG SUPPORT	914XX656	1
6	BRIDA Sonda C	C PROBE BRIDLE	914XX169	1
7	TAPON BORNES RESISTENCIA	CARTRIDGE HEATER TERMINAL CAP	918XX532	2
8	EXTENSION BORNES RESISTENCIA	HEATER CLAMP PROLONGATION	918XX533	2
9	AISLANTE PATA DEPOSITO	TANK LEG INSULATOR	910XX072	1
10	CAPUCHON SILICON ALTA Tª TEJA 70 SHOREA	HIGH TEMPERATURE SILICONE CAP	914XX999	2
11	MAZO TERMOSTATO	THERMOSTAT WIRING HARNESS	915XX585	1
12	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
13	ARANDELA GROWER M8 INOX.	M8 GROVER WASHER STAINLESS	910XX135	3
14	TORNILLO ALLEN M8X35 INOX.	ALLEN SCREW M8X35 STAINLESS	915XX238	1
15	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190	2
16	TORNILLO ALLEN M5X10 INOX.	ALLEN SCREW M5X10 STAINLESS	910XX968	10
17	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	2
18	TORNILLO ALLEN M4X6 INOX.	ALLEN SCREW M4X6 STAINLESS	910XX004	1
19	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132	2
20	HELICOIL M8X12	M8X12 HELICOIL	915XX173	3
21	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	2
22	TUERCA HEXAGONAL LATON M6	M6 HEX NUT BRASS	917XX048	4
23	REJILLA DEPOSITO V8	V8 TANK GRID	914XX658	1
24	TAPON 3/8" GAS NPT	3/8" GAS NPT CAP	910XX592	1
25	SINDA TEMPERATURA	TEMPERATURE PROBE	depending model	1

9. SUBCONJUNTO LATERAL DCHO / RIGHT LATERAL ASSEMBLY:



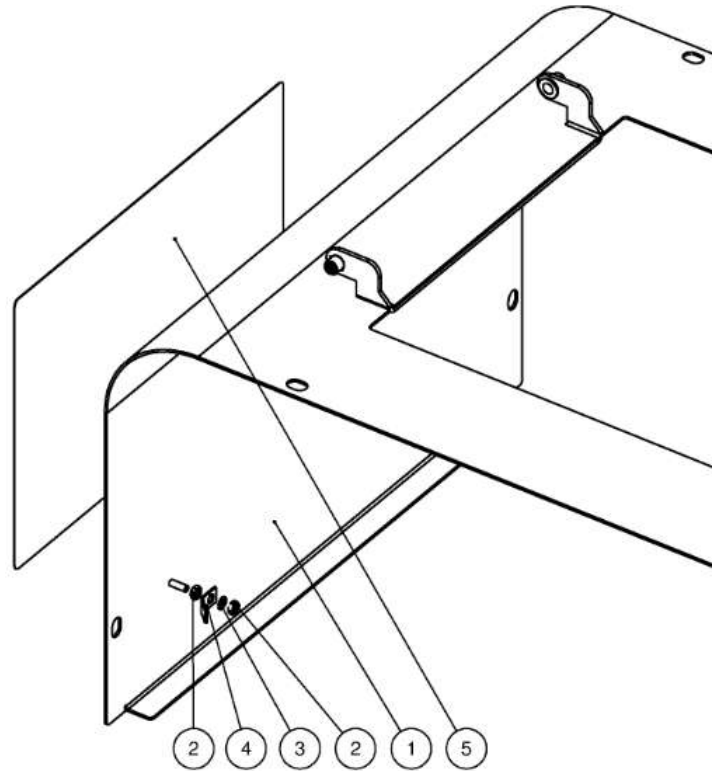
Nº	Descripción	Description	Ref.	Qty
1	LATERAL DCHO. FLEXMELT 8	FLEXMELT 8 RIGHT LATERAL	914XX659	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
5	PERFIL ESPONJOSO	FOAMY PROFILE	913XX242	1

10. SUBCONJUNTO LATERAL IZDO / LEFT LATERAL ASSEMBLY:



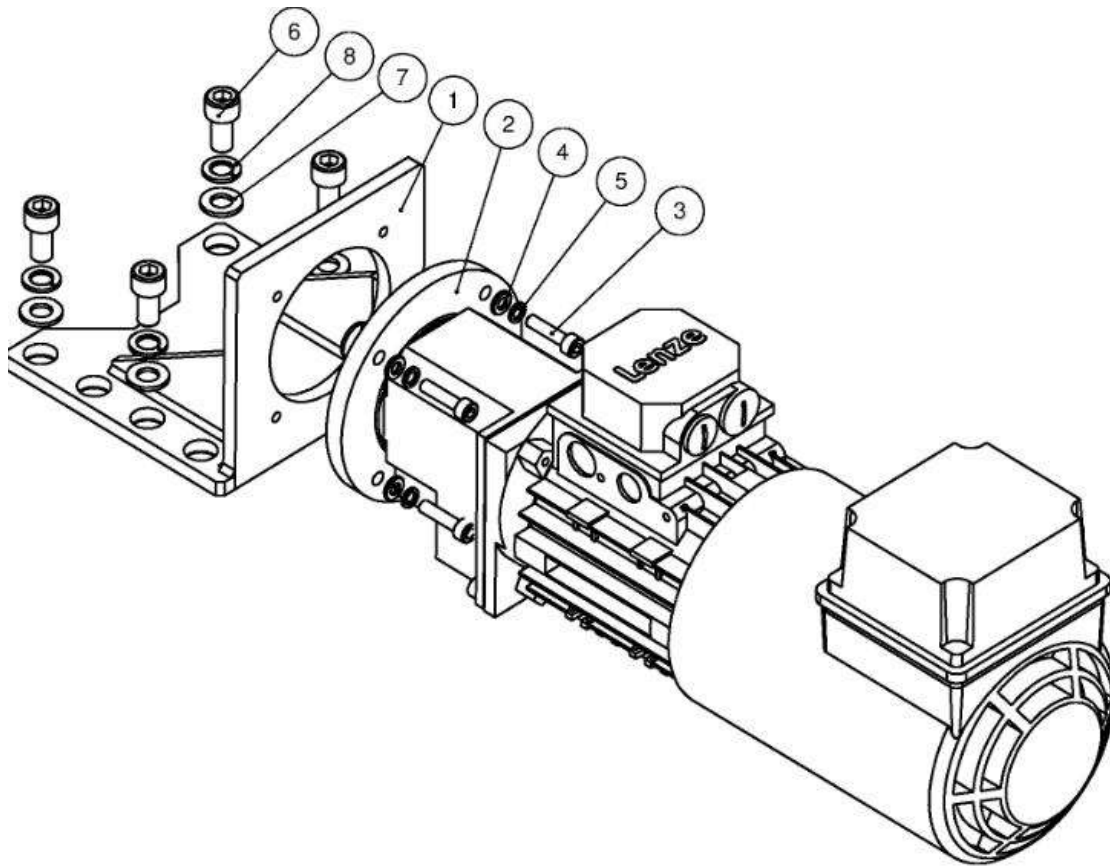
Nº	Descripción	Description	Ref.	Qty
1	LATERAL IZDO. FLEXMELT 8	FLEXMELT8 LEFT LATERAL	914XX660	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
5	PERFIL ESPONJOSO	FOAMY PROFILE	913XX242	1

11. SUBCONJUNTO CHAPA SUPERIOR / TOP PLATE ASSEMBLY:

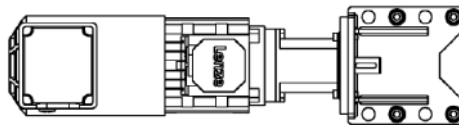
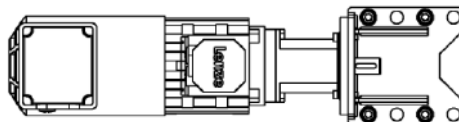


Nº	Descripción	Description	Ref.	Qty
1	CHAPA SUPERIOR FLEXMELT 8 - 2 BOMBAS	FM8-2 PUMPS TOP PLATE	914XX661	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
5	PEGATINA INFORMACION TECNICA	TECHNICAL INFORMATION STICKER		1

12. SUBCONJUNTO MOTOR / MOTOR ASSEMBLY:



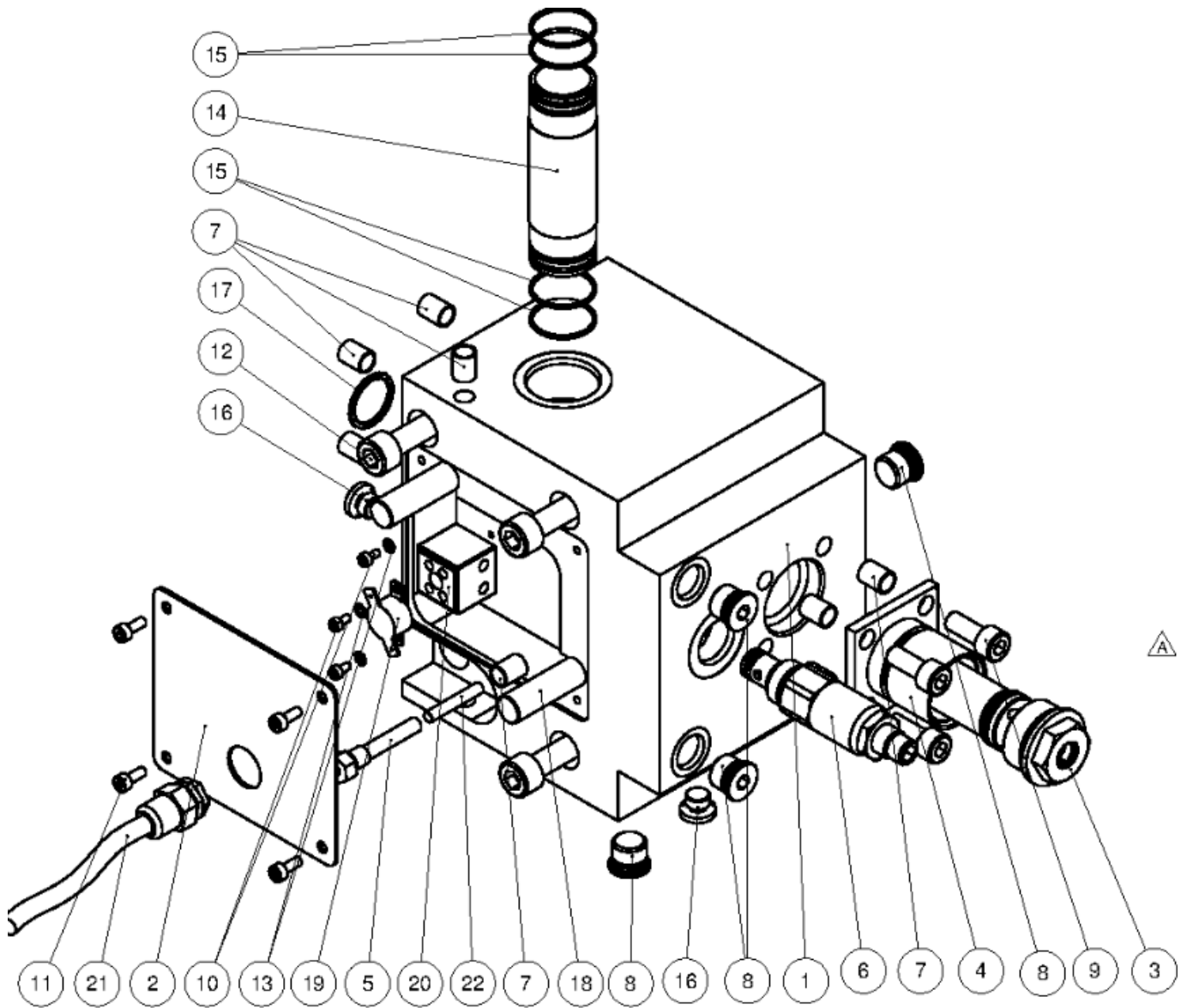
MONTAJE PARA BOMBA SIMPLE



MONTAJE PARA BOMBA DOBLE

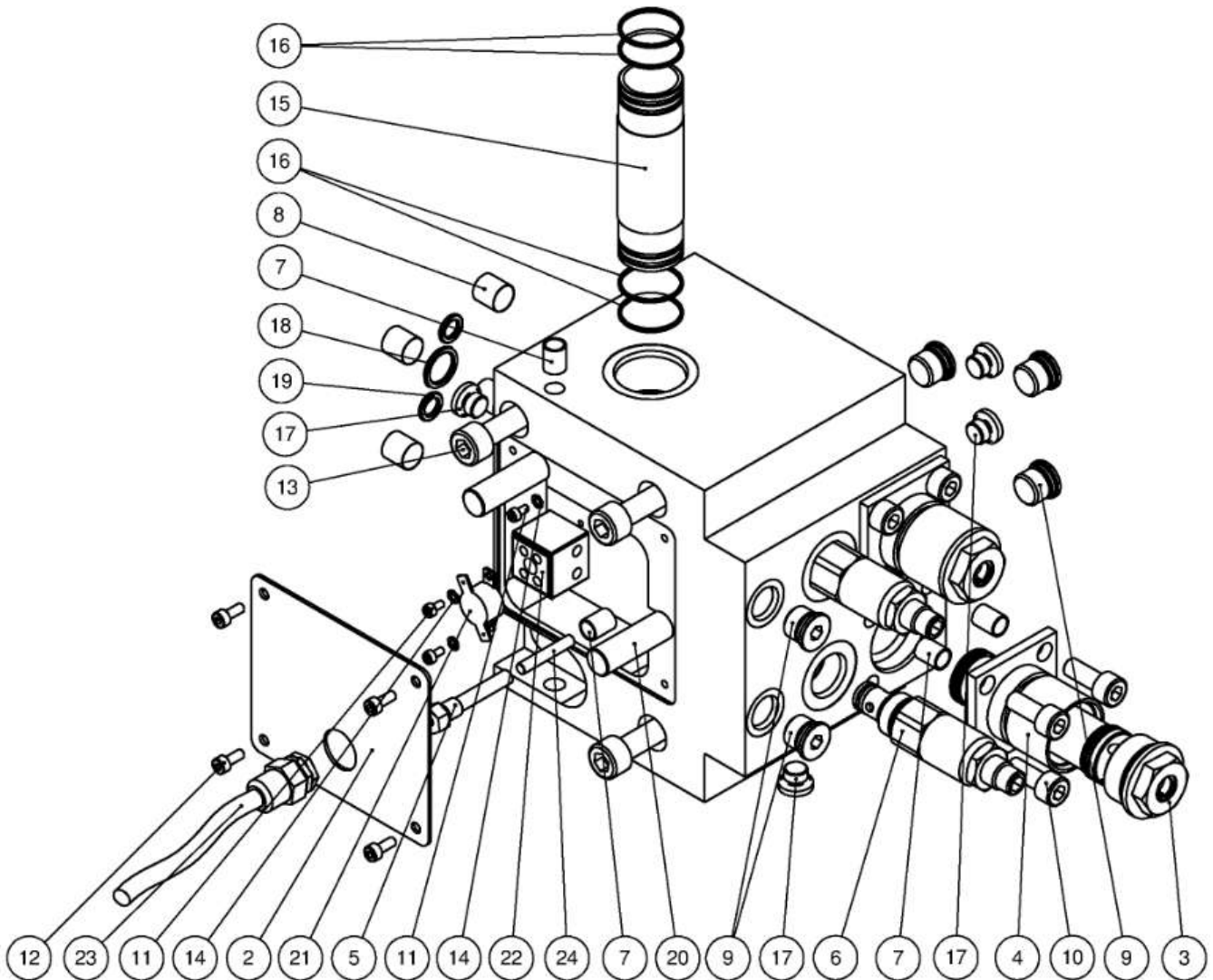
Nº	Descripción	Description	Ref.	Qty
1	SOPORTE MOTOR FLEXMELT	FLEXMELT MOTOR SUPPORT	914XX662	1
2	MOTORREDUCTOR LENZE - GST03-2M VCK 063C3	LENZE - GST03-2M VCK 063C3 GEARMOTOR	914XX663	1
3	TORNILLO ALLEN M6X25 INOX.	ALLEN SCREW M6X25 STAINLESS	914XX175	4
4	ARANDELA PLANA M6 INOX.	PLAIN WASHER M6 STAINLESS	917XX498	4
5	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	4
6	TORNILLO ALLEN M10X20 INOX.	ALLEN SCREW M10X20 INOX	910XX908	4
7	ARANDELA PLANA M10 INOX.	M10 PLAIN WASHER STAINLESS	911XX069	4
8	ARANDELA GROWER M10 INOX.	GROVER WASHER M10 STAINLESS	915XX578	4

13.1. CONJUNTO DISTRIBUIDOR BOMBA SIMPLE / SIMPLE PUMP MANIFOLD ASSEMBLY:



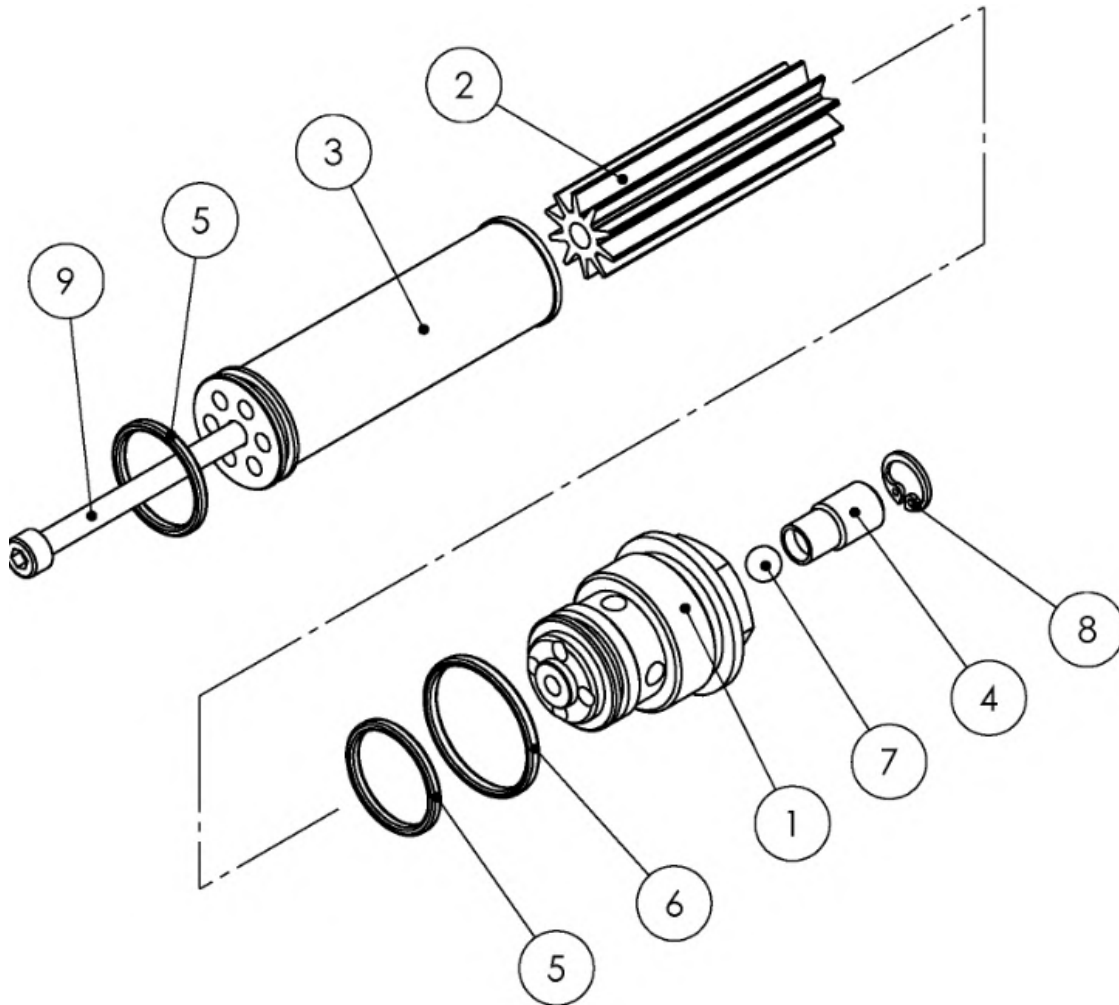
Nº	Descripción	Description	Ref.	Ref.	Qty
1	CUERPO DISTRIBUIDOR SIMPLE FLEXEMLT	FLEXMELT SIMPLE MANIFOLD BODY	914XX664		1
2	CHAPA ELECT. DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ELECTRIC SHEET	914XX665		1
3	SUBCONJUNTO FILTRO EC/K	EC/K FILTER SUBASSEMBLY	Page 19		1
4	BRIDA ROSCA FILTRO MOD.2 NITRURADO GASE	FILTER THREAD BRIDLE MOD.2	915XX820		1
5	CASQUILLO Sonda S/8000	TEMPERATURE PROBE BUSHING S/8000	915XX112		1
6	VALVE,PRESSURE RELIEF	VALVE,PRESSURE RELIEF	707XX222		1
7	HELICOIL M8X12	M8X12 HELICOIL	915XX173		10
8	TAPON 9/16" CON JUNTA JUNTA TORICA VITON 12X2	9/16" CAP WITH O-RING VITON O-RING Ø12X2	910XX049	917XX031	4 4
9	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190		4
10	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132		3
11	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		5
12	TORNILLO ALLEN M10X80	ALLEN SCREW M10X80 STAINLESS	914XX182		4
13	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397		3
14	TUBO COMUNICACION B30	B30 COMMUNICATION TUBE	918XX764		1
15	JUNTA TORICA VITON 25X1,5	VITON O-RING Ø25X1,5	914XX926		4
16	TAPON HEX INTERIOR 1/8" BSP CON J	1/8" BSP INNER HEX CAP WITH JOINT	915XX431		2
17	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047		1
18	RESISTENCIA 12,7X96 350W 230V	12,7X96 350W 230V CARTRIDGE HEATER	910XX574		2
19	MAZO TERMOSTATO	THERMOSTAT WIRING HARNESS	915XX585		1
20	REGLETA CERAMICA 20A BIPOLAR	20A BIPOLAR CERAMIC CONECTOR	910XX390		1
21	MAZO CABLES	WIRING HARNESS	depending model		1
22	SONDA TEMPERATURA	TEMPERATURE PROBE	depending model		1

13.2. CONJUNTO DISTRIBUIDOR BOMBA DOBLE / DOUBLE PUMP MANIFOLD ASSEMBLY:



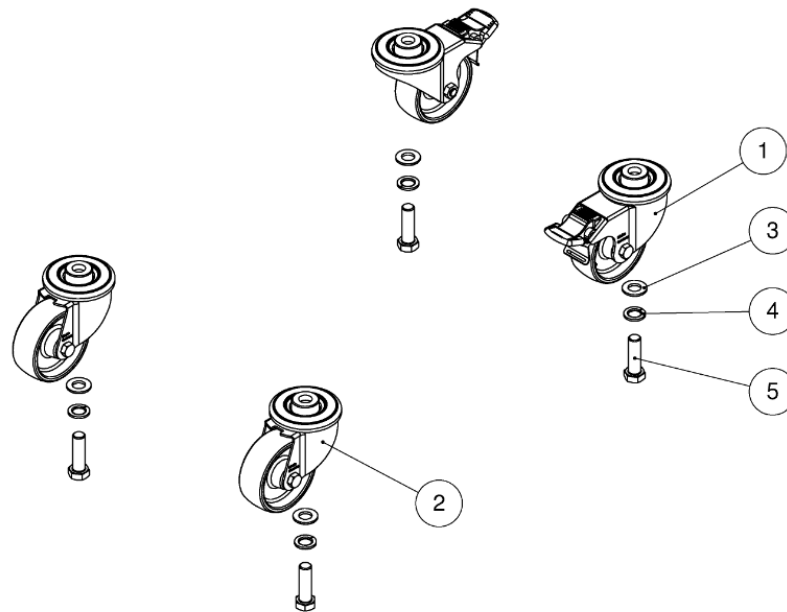
Nº	Descripción	Description	Ref.	Ref.	Qty
1	CUERPO DISTRIBUIDOR DOBLE FLEXEMLT	FLEXMELT DOUBLE MANIFOLD BODY	914XX666		1
2	CHAPA ELECT. DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ELECTRIC SHEET	914XX665		1
3	SUBCONJUNTO FILTRO EC/K	EC/K FILTER SUBASSEMBLY	Page 19		2
4	BRIDA ROSCA FILTRO MOD.2 NITRURADO GASE	FILTER THREAD BRIDLE MOD.2	915XX820		2
5	CASQUILLO SONDA S/8000	TEMPERATURE PROBE BUSHING S/8000	915XX112		1
6	VALVE,PRESSURE RELIEF	VALVE,PRESSURE RELIEF	707XX222		2
7	HELICOIL M8X12	M8X12 HELICOIL	915XX173		10
8	HELICOIL M12X12X1,75	M12X12 HELICOIL	915XX172		4
9	TAPON 9/16" CON JUNTA	9/16" CAP WITH O-RING		917XX031	5
	JUNTA TORICA VITON 12X2	VITON O-RING Ø12X2	910XX049		5
10	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190		8
11	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132		3
12	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		5
13	TORNILLO ALLEN M10X80	ALLEN SCREW M10X80 STAINLESS	914XX182		4
14	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397		3
15	TUBO COMUNICACION B30	B30 COMMUNICATION TUBE	918XX764		1
16	JUNTA TORICA VITON 25X1,5	VITON O-RING Ø25X1,5	914XX926		4
17	TAPON HEXAGONAL INTERIOR 1/8" BSP CON J	1/8" BSP INNER HEX CAP WITH JOINT	915XX431		4
18	JUNTA TORICA VITON 14X2	VITON O-RING Ø14X2	911XX227		1
19	JUNTA TORICA VITON 8X2	VITON O-RING Ø8X2	914XX275		2
20	RESISTENCIA 12,7X96 350W 230V	12,7X96 350W 230V CARTRIDGE HEATER	910XX574		2
21	MAZO TERMOSTATO	THERMOSTAT WIRING HARNESS	915XX585		1
22	REGLETA CERAMICA 20A BIPOLAR	20A BIPOLAR CERAMIC CONECTOR	910XX390		1
23	MAZO CABLES	WIRING HARNESS	depending model		1
24	SONDA TEMPERATURA	TEMPERATURE PROBE	depending model		1

14. SUBCONJUNTO FILTRO / FILTER ASSEMBLY (916XX757):



Nº	Descripción	Description	Ref.	Qty
1	TORNILLO FILTRO EC/K NITRURADO GASEOSO	EC/K FILTER SCREW	917XX570	1
2	DISTANCIAL INTERIOR FILTRO EC/K	EC/K FILTER INTERNAL SPACER	917XX117	1
3	CARTUCHO FILTRO 0.23 EC/K	EC/K 0.23 FILTER CARTRIDGE	917XX119	1
4	TORNILLO PURGADOR CINCADO NEGRO	BLEEDER SCREW	917XX571	1
5	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047	2
6	JUNTA TORICA VITON 26X2	VITON O-RING Ø26X2	914XX177	1
7	BOLA 7 INOX	Ø7 BALL	910XX396	1
8	ANILLO ELASTICO AGUJERO 12	HOLE 12 ELASTIC RING	910XX765	1
9	TORNILLO ALLEN M5X80 INOX.	ALLEN SCREW M5X80 STAINLESS	917XX120	1

15. KIT DE RUEDAS FLEXMELT / FLEXMELT WHEEL KIT:

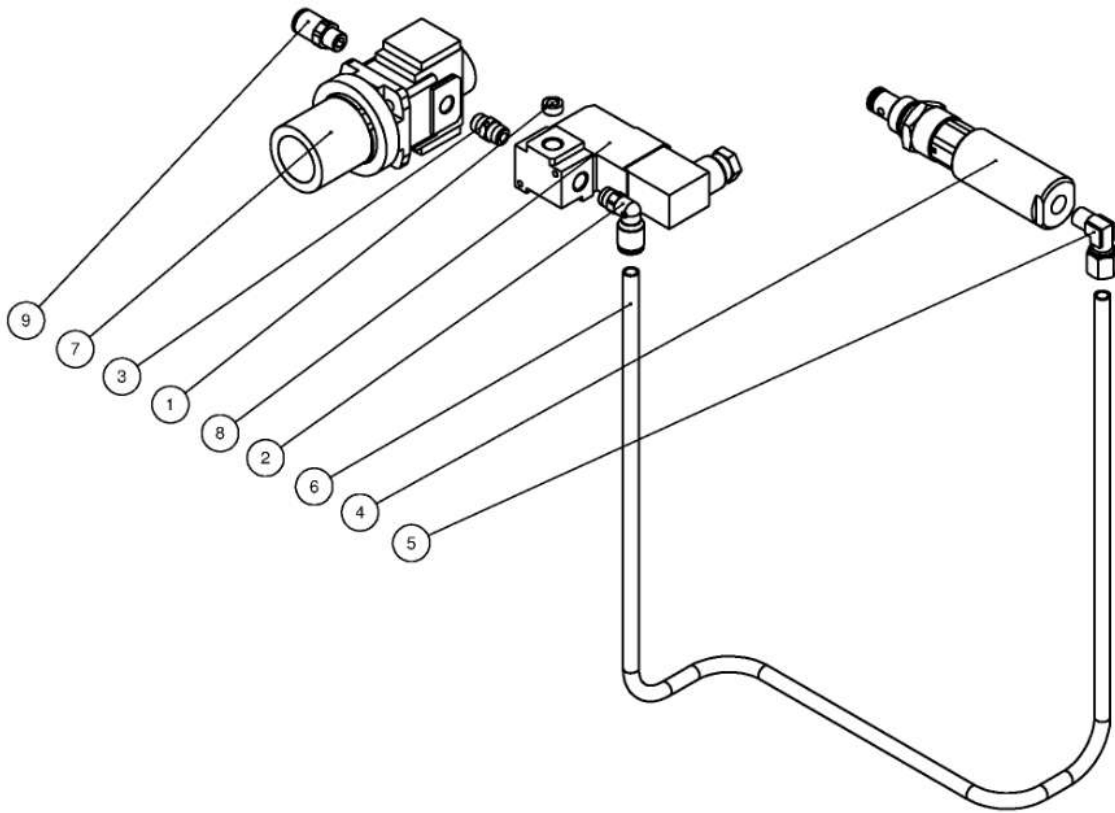


Nº	Descripción	Description	Ref.	Qty
1	RUEDA GIR. C/FRENO Ø80X30 NYLON PERNO 12	SWIVEL WHEEL WITH BRAKE	914XX723	2
2	RUEDA GIR. S/FRENO Ø80X30 NYLON PERNO 12	SWIVEL WHEEL	914XX724	2
3	ARANDELA PLANA M12 INOX.	PLAIN WASHER M12 STAINLESS	915XX008	4
4	ARANDELA GROVER M12 INOX.	GROVER WASHER M12 STAINLESS	917XX515	4
5	TORNILLO HEXAGONAL M12X40	HEX SCREW M12X40 STAINLESS	915XX012	4

Nota: las ruedas con freno deben montarse en la parte frontal del equipo

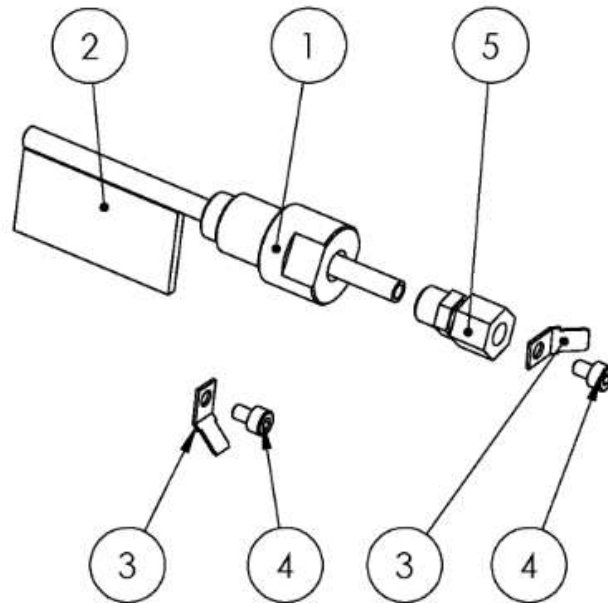
Note: wheels with brake should be assembled on the front side of the equipment

16. REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (917XX971):



Nº	Descripción	Description	Ref.	Qty
1	SILENCIADOR MINIATURA G1/8-B	G1/8-B SILENCER	917XX598	1
2	RACOR 90° R1/8 / ER8-P	ELBOW FITTING 90° 1/8 T/8 E/R	988XX018	1
3	RACOR RECTO R1/8 / R1/8-B	STRAIGHT FITTING R1/8 / R1/8-B	914XX043	1
4	VALVE ASSY,PRESSURE RELIEF	VALVE ASSY,PRESSURE RELIEF	707XX211	1
5	RACOR 90° R1/8 / ER8-BN	90° FITTING R1/8 / ER8-BN	910XX415	1
6	TUBO TEFLON 8X6	8X6 TEFLON PIPE	988XX019	0,8
7	REGULADOR SMC ARG20-F01G1H	SMC ARG20-F01G1H REGULATOR	914XX754	1
8	ELECTROVALVULA SMC 3/2 24VDC	SOLENOID VALVE SMC 3/2 24VDC	917XX285	1
9	RACOR RECTO R1/8 / ER8-BN	STRAIGHT FITTING 1/8 PIPE 8 E/R	988XX017	1

17. KIT SONDA DE NIVEL FLEXMELT / FLEXMELT LEVEL SENSOR KIT (917XX976)



Nº	Descripción	Description	Ref.	Qty
1	CASQUILLO DETECTOR NIVEL S/8000	S/8000 LEVEL SENSOR BUSHING	918XX410	1
2	VARILLA SONDA NIVEL CP	CP LEVEL SENSOR ROD	914XX446	1
3	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	2
4	TORNILLO ALLEN M4X6 INOX.	ALLEN SCREW M4X6 STAINLESS	910XX004	4
5	RACOR RECTO R1/8 / O6-B	STRAIGHT FITTING 1/8 PIPE 6 WITH OLIVE	914XX077	1



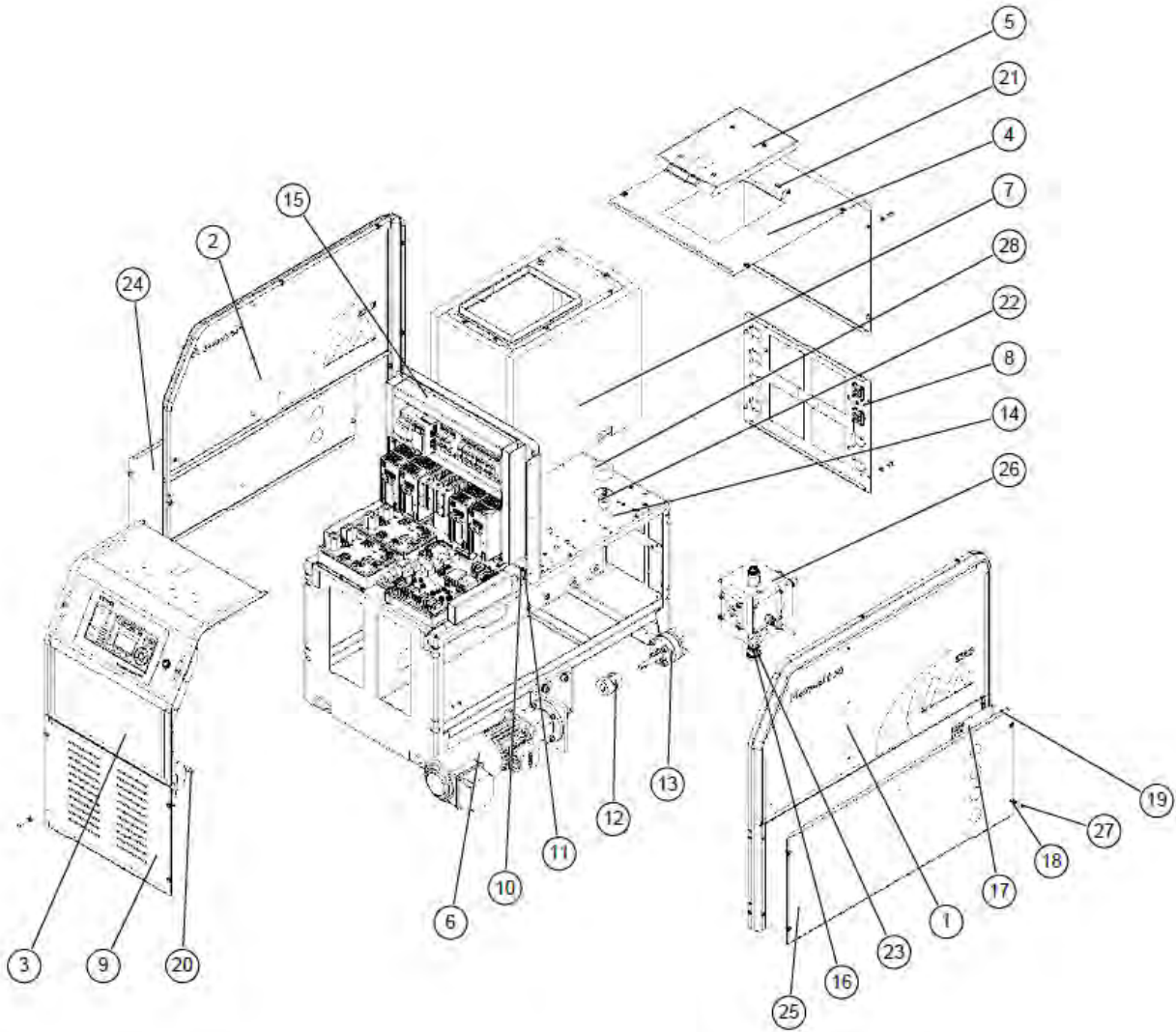
DESPIECE / PART LISTING
EQUIPO FLEXMELT 30
FLEXMELT 30 EQUIPMENT

INDICE / INDEX

1. CONJUNTO ENCOLADOR FLEXMELT 30 / FLEXMELT 30 PUMPS EQUIPMENT ASSEMBLY:	4
2.1. CONJUNTO BASTIDOR MODELOS STANDARD/ STANDARD MODELS BASEFRAME ASSEMBLY	7
2.2. CONJUNTO BASTIDOR FLEXMELT MODELOS L / L MODELS FLEXMELT BASEFRAME ASSEMBLY:.....	8
3. SUBCONJUNTO CHAPA FRONTAL DELANTERA /FRONT PLATE ASSEMBLY:	9
4. SUBCONJUNTO CHAPA CONECTORES / CONNECTORS PLATE ASSEMBLY:	10
5. SUBCONJUNTO FRONTAL / FRONT ASSEMBLY	13
6. SUBCONJUNTO TAPA DEPOSITO / TANK LID ASSEMBLY	15
7. SUBCONJUNTO CHAPA BASTIDOR / BASEFRAME SHEET ASSEMBLY (914XX652):	16
IZQUIERA/LEFT	16
8. SUBCONJUNTO TABIQUE TÉRMICO / THERMAL PARTITION ASSEMBLY:	17
9. SUBCONJUNTO DEPOSITO / TANK ASSEMBLY:.....	22
10. SUBCONJUNTO LATERAL DCHO / RIGHT LATERAL ASSEMBLY (914XX697):	24
11. SUBCONJUNTO LATERAL IZDO / LEFT LATERAL ASSEMBLY (914XX698):	24
12. SUBCONJUNTO CHAPA SUPERIOR / TOP PLATE ASSEMBLY:	25
13. KIT TARJETA 2 SALIDAS V1 / 2 OUTPUTS BOARD KIT V1:.....	26
14. SUBCONJUNTO MOTOR / MOTOR ASSEMBLY:	27
15.1. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE / FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY	28

15.1.1. KIT MONTAJE DISTRIBUIDOR 2 SALIDAS FLEXMELT BOMBA SIMPLE / 2 OUTPUT FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT	29
15.2. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA DOBLE / FLEXMELT DOUBLE PUMP MANIFOLD ASSEMBLY	30
15.2.1. KIT MONTAJE DISTRIBUIDOR FLEXMELT BOMBA DOBLE / FLEXMELT DOUBLE PUMP MANIFOLD ASSEMBLY KIT.....	31
15.3. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE 6 SALIDAS / FLEXMELT SIMPLE PUMP 6 OUTPUTS MANIFOLD ASSEMBLY	32
15.3.1. KIT MONTAJE DISTRIBUIDOR 6 SALIDAS FLEXMELT BOMBA SIMPLE / 6 OUTPUTS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT	33
15.4. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE INOX / STAINLESS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY	34
15.4.1. KIT MONTAJE DISTRIBUIDOR INOX. FLEXMELT BOMBA SIMPLE / STAINLESS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT	35
16. CONJUNTO FILTRO EC/K / EC/K FILTER ASSEMBLY (916XX757).....	36
17. REGULADOR DE PRESION INOX FDA / STAINLESS FDA PRESURE REGULATOR (913XX624).....	37
18. KIT BOMBA ENGRANAJE SIMPLE / SIMPLE GEAR PUMP KIT.....	38
19. KIT BOMBA ENGRANAJE DOBLE / DOUBLE GEAR PUMP KIT.....	39
20. KIT DE RUEDAS FLEXMELT / FLEXMELT WHEEL KIT	40
21. REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (917XX971):	41
21.1. REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (912XX468):...	42
22. KIT SONDA DE NIVEL FLEXMELT / FLEXMELT LEVEL SENSOR KIT (917XX976).	43

1. CONJUNTO ENCOLADOR FLEXMELT 30 / FLEXMELT 30 PUMPS EQUIPMENT ASSEMBLY:



Nº	Descripción	Description	Ref.	Ref.	Qty
1	SUBCJTO. LATERAL DCHO.	RIGHT LATERAL ASSEMBLY	Page 24		1
2	SUBCJTO. LATERAL IZDO.	LEFT LATERAL ASSEMBLY	Page 24		1
3	SUBCTO. FRONTAL	FRONTAL ASSEMBLY	Page 13		1
4	SUBCJTO. CHAPA SUPERIOR	TOP PLATE ASSEMBLY	Page 25		1
5	SUBCJTO. TAPA DEPOSITO	TANK LID ASSEMBLY	Page 15		1
6	SUBCONJUNTO MOTOR FLEXMELT	FLEXMELT MOTOR ASSEMBLY	Page 27		1 a 4
7	SUBCONJUNTO DEPOSITO	TANK ASSEMBLY	Page 22		1
8	SUBCTO. CHAPA CONECTORES	CONNECTORS PLATE ASSEMBLY	Page 10		1
9	SUBCJTO. CHAPA FRONTAL DELANTERA	FRONTAL PLATE ASSEMBLY	Page 9		1
10	TUERCA HEXAGONAL M6 INOX	HEXAGONAL NUT M6 STAINLESS	910XX195		11
11	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131		11
12	ACOPLAMIENTO	COUPLING	DEPENDING MODEL		1 a 4
13	KIT BOMBA ENGRANAJES SIMPLE	SIMPLE GEARPUMP KIT	DEPENDING MODEL		1 a 4
14	CONJ BASTIDOR FLEXMELT 4B	FLEXMELT 4B BASERAME ASSEMBLY	Page 7		1
15	CONJ TABIQUE TERMICO FLEXMELT	FLEXMELT THERMAL WALL ASSEMBLY	Page 17		1
16	TAPON M30X1.5 CON JUNTA	SCREW CAP M30X1,5 WITH O-RING		Depending model	1 ó 2
	JUNTA TORICA VITON Ø26X2	VITON O-RING Ø26X2		Depending model	1 ó 2
17	CHAPA MATRICULA	IDENTIFICATION SHEET	917XX326		1
18	ARANDELA TORNILLO CAUTIVO	CAPTIVE SCREW WASHER	914XX378		24
19	REMACHES POP 2,4X5,1 (MANG.)	2,4X5,1 POP RIVET	915XX249		6
20	TORNILLO ALLEN M8X15 INOX.	ALLEN SCREW M8X15 STAINLESS	914XX067		2
21	TORNILLO ALLEN M5X10 INOX.	ALLEN SCREW M5X10 STAINLESS	910XX968		2
22	AISLANTE PATA DEPOSITO	TANK LEG INSULATOR	910XX072		4
23	JUNTA TORICA 26X2 FDA	FDA Ø26X2 O-RING	913XX644		1 ó 2
24	SUBCONJUNTO CHAPA BASTIDOR FLEXMELT IZDA	LEFT FLEXMELT BASEFRAME PLATE ASSEMBLY	Page 16		2
25	SUBCONJUNTO CHAPA BASTIDOR FLEXMELT DCHA	RIGTH FLEXMELT BASEFRAME PLATE ASSEMBLY	Page 16		
26	SUBCONJUNTO DISTRIBUIDOR	FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY	DEPENDING MODEL		1 a 4
27	BHCS,M6 X 10.0 LG,S.S.	BHCS,M6 X 10.0 LG,S.S.	784XX491		24
28	TUBO FOAM NEGRO SILICONA D20 LONGITUD 30MM.	30MM LEGTH D20 BLACK FOAM TUBE	-		1 ó 2

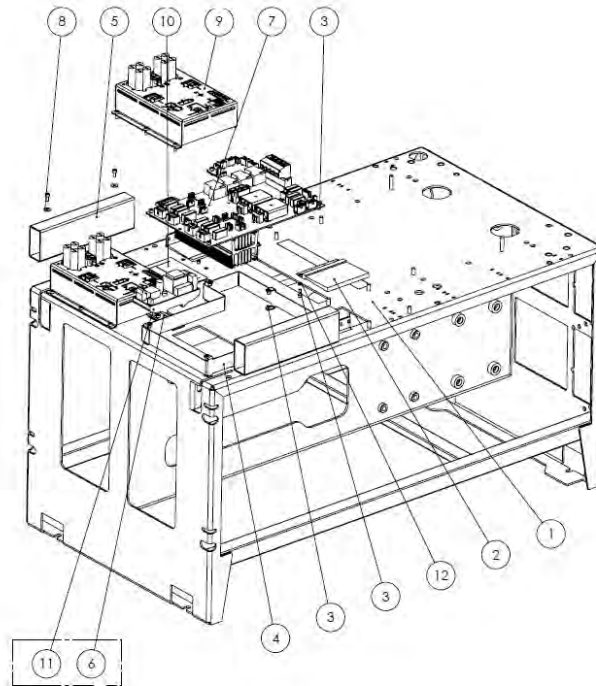
Nº	CANTIDADES			
	30 - 1	30-2	30 - 3	30-4
16	1		2	
23				
28				
6	1	2	3	4
12				
13				
26				

SIMPLE PUMP / FDA SIMPLE			
<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>
26	SUBCJTO. DISTRIBUIDOR B/SIMPLE FLEXMELT / CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE INOX	FM SIMPLE PUMP MANIFOLD ASSEMBLY / FM STAINLESS SIMPLE PUMP MANIFOLD ASSEMBLY	Page 28/34/32
13	KIT BOMBA ENGRANAJES SIMPLE	SIMPLE GEAR PUMP KIT	Page 39
12	ACOPLAMIENTO Ø20-Ø12	Ø20-Ø32 COUPLING	914XX644

DOUBLE PUMP			
<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>
26	SUBCJTO. DISTRIBUIDOR B/DOBLE FLEXMELT	FM DOUBLE PUMP MANIFOLD ASSEMBLY	Page 30
13	KIT BOMBA ENGRANAJES DOBLE	DOUBLE GEAR PUMP KIT	Page 40
12	ACOPLAMIENTO Ø20-Ø20	Ø20-Ø20 COUPLING	914XX645

Nº	BOMBA SIMPLE	BOMBA SIMPLE FDA	BOMBA DOBLE
16	911XX428	913XX643	911XX428
23	-	913XX644	-

2.1. CONJUNTO BASTIDOR MODELOS STANDARD/ STANDARD MODELS BASEFRAME ASSEMBLY

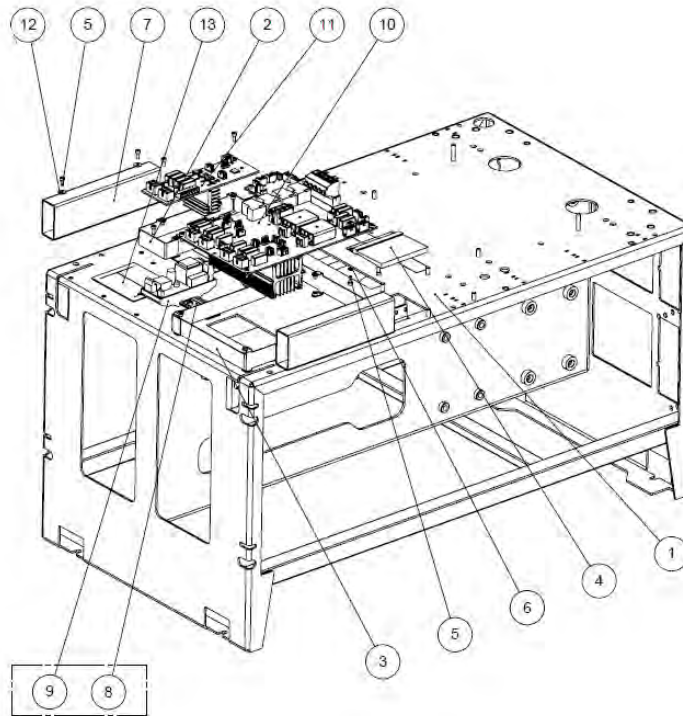


Nº	Descripción	Description	Ref.	Qty
1	BASTIDOR FLEXMELT 4 BOMBAS	FLEXMELT 4 PUMPS BASEFRAME	914XX673	1
2	CEPILLO BASTIDOR 4 BOMBAS FLEXMELT	FLEXMELT 4 PUMPS BASEFRAME BRUS	914XX675	2
3	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	21
4	PROTECCION TRASERA TARJETA PARA FLEXMELT	FLEXMELT BOARD REAR PROTECTION	-	1
5	CANALETA RANURADA 30X60 LONG 210 MM	210MM LENGTH SLOTTED ELECTRICAL CONDUIT	914XX674	2
6	CARRIL SOPORTE TARJETA Sonda NIVEL	LEVEL SENSOR BOARD SUPPORT RAIL	915XX369	1
7	PCB ASSY, 12 ZONE	PCB ASSY, 12 ZONE	DEPENDING MODEL	1
8	ARANDELA PLANA 4,3X12,1 INOX. DIN 9021	PLAIN WASHER 4,3X12,1 STAINLESS	915XX201	4
9	KIT TARJETA 2 SALIDAS V1	V1 2 OUTPUTS BOARD KIT	DEPENDING SERIAL NUMBER	2
10	JUNTA RADIADOR TARJETA 2 SALIDAS V1	V1 2 OUTPUTS BOARD COOLER JOINT	-	Depending model
11	TARJETA Sonda NIVEL + MAZO	LEVEL SENSOR BOARD + CORDSET	913XX599	1
12	ARANDELA GROWER M4 INOX.	GROVER WASHER M4 STAINLESS	910XX332	4

	Ni120	Pt100
7	151XX680	151XX679

Nº	Descripción	Description	Ref.	Qty
9	KIT TARJETA 2 SALIDAS PARA EQUIPOS DESDE Nº DE SERIE 1247	2 OUTPUTS BOARD KIT FOR EQUIPMENTS WITH SERIAL NUMBER FROM 1247	911XX875	Depending model
	KIT TARJETA 2 SALIDAS PARA EQUIPOS DE HASTA Nº DE SERIE 1246	2 OUTPUTS BOARD KIT FOR EQUIPMENTS WITH SERIAL NUMBER UP TO 1246	911XX876	Depending model

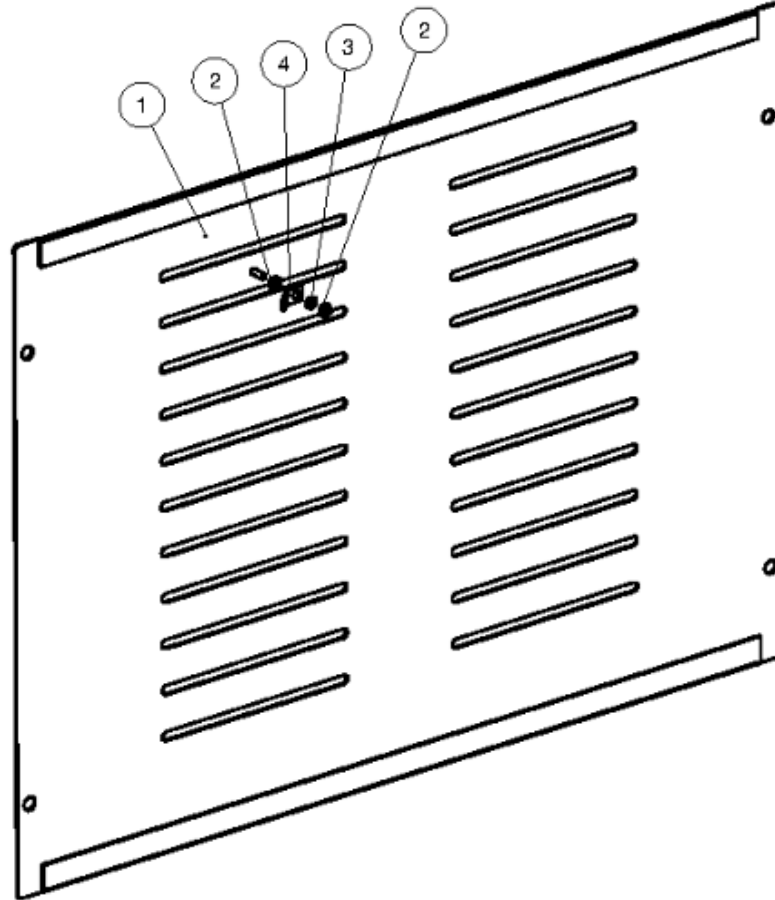
2.2. CONJUNTO BASTIDOR FLEXMELT MODELOS L / L MODELS FLEXMELT BASEFRAME ASSEMBLY:



Nº	Descripción	Description	Ref.	Qty
1	BASTIDOR FLEXMELT 4 BOMBAS	4 PUMPS FLEXMELT BASEFRAME	914XX673	1
2	PROTECCION TRASERA TARJETA PARA FLEXMELT 5-6 SALIDAS	5-6 OUTPUTS FLEXMELT BOARD REAR PROTECTION	-	1
3	PROTECCION TRASERA TARJETA PARA FLEXMELT	FLEXMELT BOARD REAR PROTECTION	-	1
4	CEPILLO BASTIDOR 4 BOMBAS FLEXMELT	FLEXMELT 4 PUMPS BASERAME BRUS	914XX675	2
5	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	27
6	ARANDELA GROWER M4 INOX.	GROVER WASHER M4 STAINLESS	910XX332	4
7	CANALETA RANURADA 30X60 LONGITUD 210 MM	SLOTTED ELECTRICAL CONDUIT LENGTH 210 MM	914XX674	2
8	CARRIL SOPORTE TARJETA Sonda NIVEL	LEVEL SENSOR BOARD SUPPORT RAIL	915XX369	1
9	DETECTOR DE NIVEL NV5	NV-10A LEVEL SENSOR	913XX876	1
10	PCB ASSY, 12 ZONE	PCB ASSY, 12 ZONE	Depending model	1
11	PCB ASSY, 5/6 ZONE	PCB ASSY, 5/6 ZONE	Depending model	1
12	ARANDELA PLANA INOX. 4X12 DIN 9021	DIN 9021 4X12 STAINLESS PLAIN WASHER	914XX581	4
13	JUNTA RADIADOR TARJETA 2 SALIDAS V1	V1 2 OUTPUTS BOARD COOLER JOINT	-	2

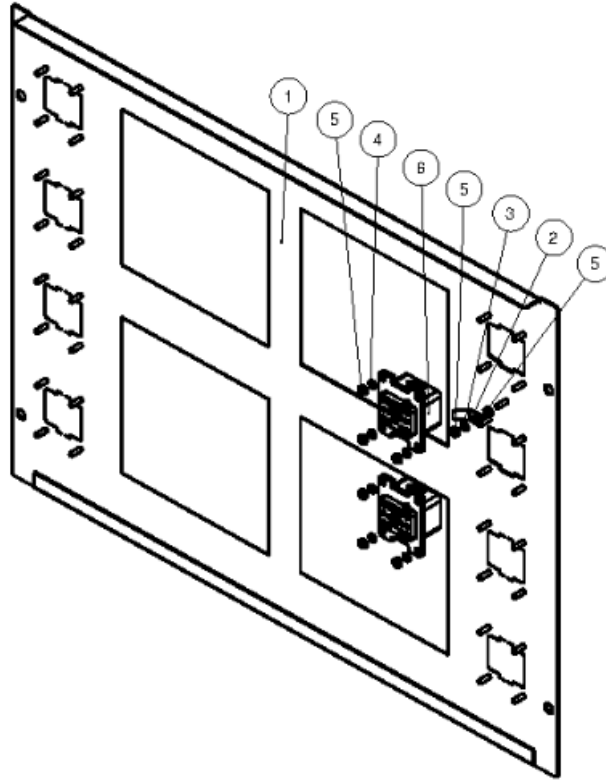
	Ni120	Pt100
10	151XX680	151XX679
11	151XX649	151XX690

3. SUBCONJUNTO CHAPA FRONTAL DELANTERA /FRONT PLATE ASSEMBLY:



Nº	Descripción	Description	Ref.	Qty
1	CHAPA FRONTAL DELANT. FLEXMELT 2 BOMBAS	FM 2 PUMPS FRONT SHEET	914XX646	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1

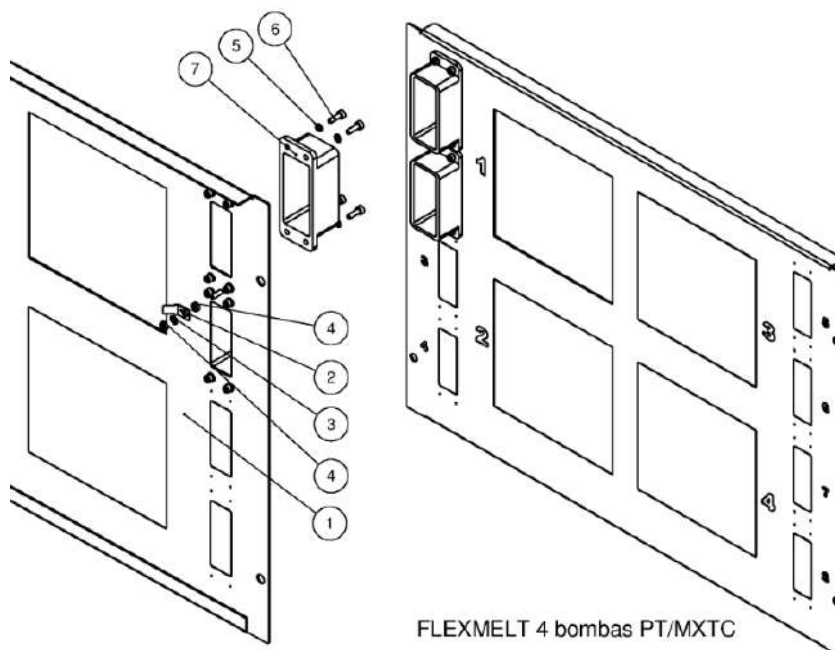
**4. SUBCONJUNTO CHAPA CONECTORES / CONNECTORS PLATE ASSEMBLY:
NI120**



Nº	Descripción	Description	Ref.	Qty
1.A	CHAPA CONECTORES FLEXMELT 4B	FM 4 PUMPS CONNECTORS SHEET	914XX677	1
1.B	CHAPA CONECTORES FLEXMELT 4B L	FM 4P L CONNECTORS SHEET		1
2	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	depending model
5	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	depending model
6	MAZO MANGUERA-PISTOLA	GUN-HOSE WIRING HARNESS	depending model	depending model

	Standard and L Models			Only for Standard models
	2 SALIDAS	4 SALIDAS	6 SALIDAS	8 SALIDAS
4	8	16	24	32
5	10	18	26	34
6	2	4	6	8

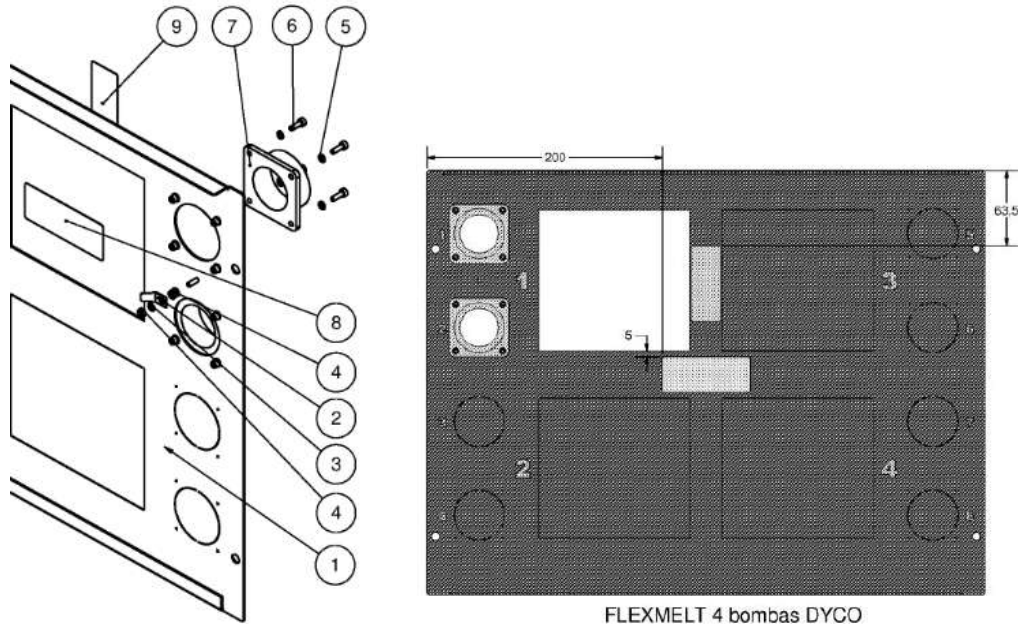
PT/MXTC



Nº	Descripción	Description	Ref.	Qty
1.A	CHAPA CONECTORES FLEXMELT 4B PT/MXTC	FM 4P PT/MXTC CONNECTORS SHEET	914XX741	1
1.B	CHAPA CONECTORES FLEXMELT 4B L PT/MXTC	FM 4P L PT/MXTC CONNECTORS SHEET		1
2	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
5	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	depending model
6	TORNILLO ALLEN M3X10 INOX	ALLEN SCREW M3X10 STAINLESS	910XX084	depending model
7	MAZO MANGUERA PISTOLA FM PT/MXTC	HOSE GUN WIRING HARNESS PT/MXTC	depending model	depending model
8	TUERCA REMACHABLE M3 C/AVELLANADA	COUNTERSUNK BLIND RIVET NUT	914XX739	depending model

	Standard and L Models			Only for Standard models
	2 SALIDAS	4 SALIDAS	6 SALIDAS	8 SALIDAS
5				
6	8	16	24	32
7	2	4	6	8
8	8	16	24	32

DYCO

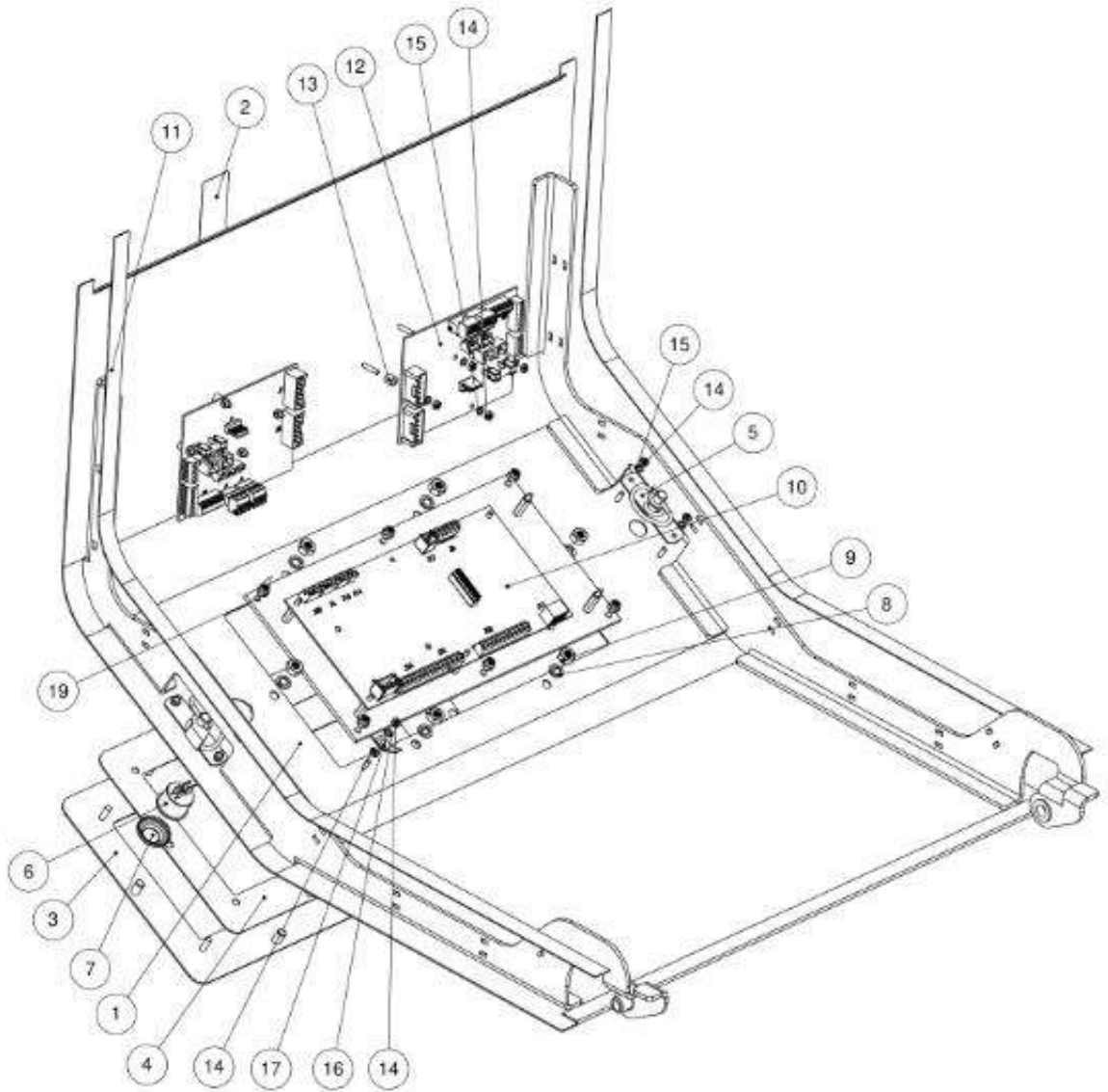


FLEXMELT 4 bombas DYCO

Nº	Descripción	Description	Ref.	Qty
1.A	CHAPA CONECTORES FLEXMELT 4B DYCO	FLEXMELT 4P DYCO CONNECTORS PLATE	913XX247	1
1.B	CHAPA CONECTORES FLEXMELT 4B L DYCO	FLEXMELT 4P L DYCO CONNECTORS PLATE		1
2	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
5	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	depending model
6	TORNILLO ALLEN M3X10 INOX	ALLEN SCREW M3X10 STAINLESS	910XX084	depending model
7	MAZO CABLES	WIRING HARNESS	depending model	depending model
8	PEGATINA ALTA TEMPERATURA FLEXMELT	FLEXMELT HIGH TEMPERATURE RISK BUMPER	913XX124	1
9	PEGATINA RIESGO ELECTRICO	ELECTRIC RISK BUMPER	917XX266	1
	TUERCA REMACHABLE M3 C/AVELLANADA	M3 COUNTERSUNK BLIND RIVET NUT	914XX739	

Nº	Standard and L Models			Only for Standard models
	2S	4S	6S	8S
5	8	16	24	32
6		4	6	8
7	2	4	6	8

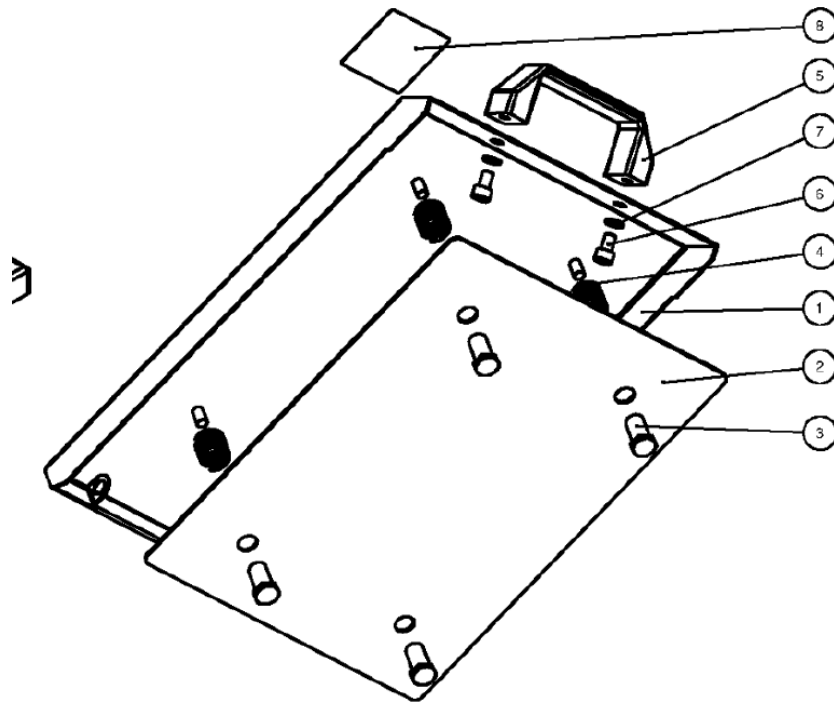
5. SUBCONJUNTO FRONTAL / FRONT ASSEMBLY



Nº	Descripción	Description	Ref.	Qty
1	FRONTAL FLEXMELT 30	FLEXMELT 30 FRONT PLATE	914XX693	1
2	PEGATINA RIESGO ELECTRICO	ELECTRIC RISK BUMPER	917XX266	1
3	MARCO TARJETA CONTROL PROVISIONAL	CONTROL BOARD FRAME	918XX814	1
4	JUNTA MARCO GRANDE	BIG FRAME JOINT	914XX506	1
5	CIERRE DE PRESION SOUTHCO 57-10-811-10	SOUTHCO PRESSURE CLOSING	914XX649	2
6	INTERRUPTOR REDONDO 2 POLOS	BIPOLAR ROUND SWITCH	918XX637	1
7	PROTECCION INTERRUPTOR 2 POLOS	BIPOLAR SWITCH PROTECTION	918XX638	1
8	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	6
9	TUERCA HEXAGONAL M6 INOX	HEXAGONAL NUT M6 STAINLESS	910XX195	6
10	OVERLAY ASSY, UTC20, 6 HOSE	OVERLAY ASSY, UTC20, 6 HOSE	137XX025	1
11	ROLLO JUNTA EURO-FOAM 150	EURO-FOAM JOINT	913XX244	1
12	PCB, ASSEMBLY, DUAL VFD	PCB, ASSEMBLY, DUAL VFD	900XX030	depending model
13	SPACER, #6 X 1/4"	SPACER, #6 X 1/4"	091XX417	depending model
14	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	depending model
15	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	depending model
16	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
17	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
18	PEGATINA CONEXIONES ELECTRICAS	ELECTRIC CONNECTIONS STICKER	913XX245	0 or 1
19	TUERCA HEX. AUTOBLOCANTE M4 DIN 985	M4 DIN 985 SELF-LOCKING HEX NUT	912XX441	6

	Standard and L Models	Only for Standard models
Nº	1/2 PUMPS	3/4 PUMPS
12	1	2
13	4	8
14	12	15
15	10	14

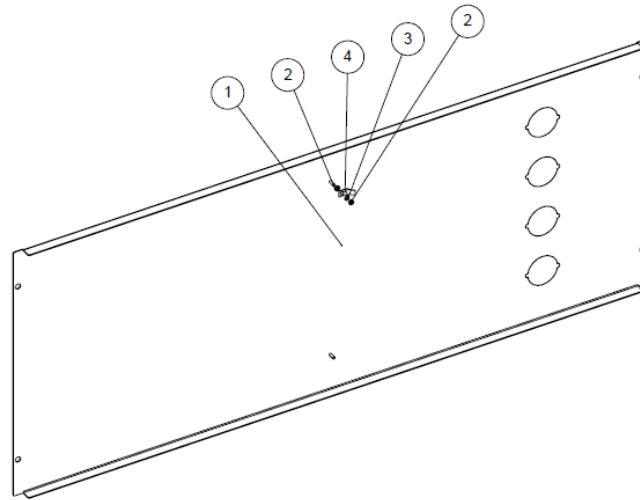
6. SUBCONJUNTO TAPA DEPOSITO / TANK LID ASSEMBLY



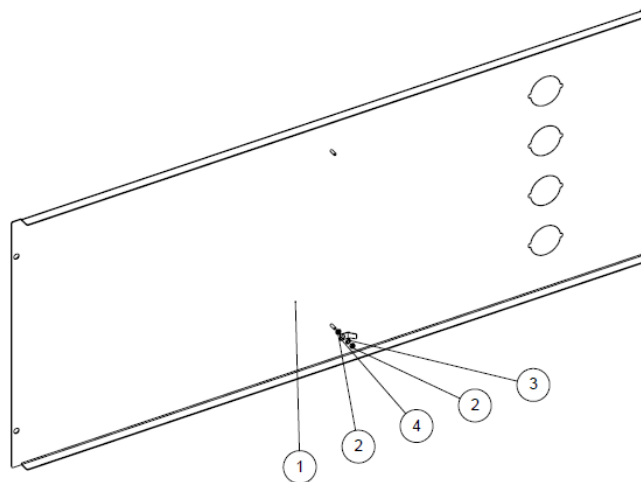
Nº	Descripción	Description	Ref.	Qty
1	TAPA DEPOSITO FLEXMELT 8 / 14 / 30	FM8/14/30TANK LID	914XX650	1
2	CONTRATAPA DEPOSITO FLEXMELT 8 / 14 / 30	FM8/14/30 BACK LID	914XX651	1
3	TUERCA CONTRATAPA	INSIDE TANK COVER NUT	911XX409	4
4	MUELLE TAPA DEPOSITO	TANK COVER SPRING	915XX546	4
5	ASA PEQUEÑA NEGRA CIEGA	LITTLE HANDLER	917XX338	1
6	TORNILLO ALLEN M6X10 INOX.	ALLEN SCREW M6X10 STAINLESS	915XX082	2
7	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	2
8	PEGATINA RIESGO ALTA TEMPERATURA	HIGH TEMPERATURE RISK BUMPER	917XX212	1

7. SUBCONJUNTO CHAPA BASTIDOR / BASEFRAME SHEET ASSEMBLY (914XX652):

IZQUIERA/LEFT



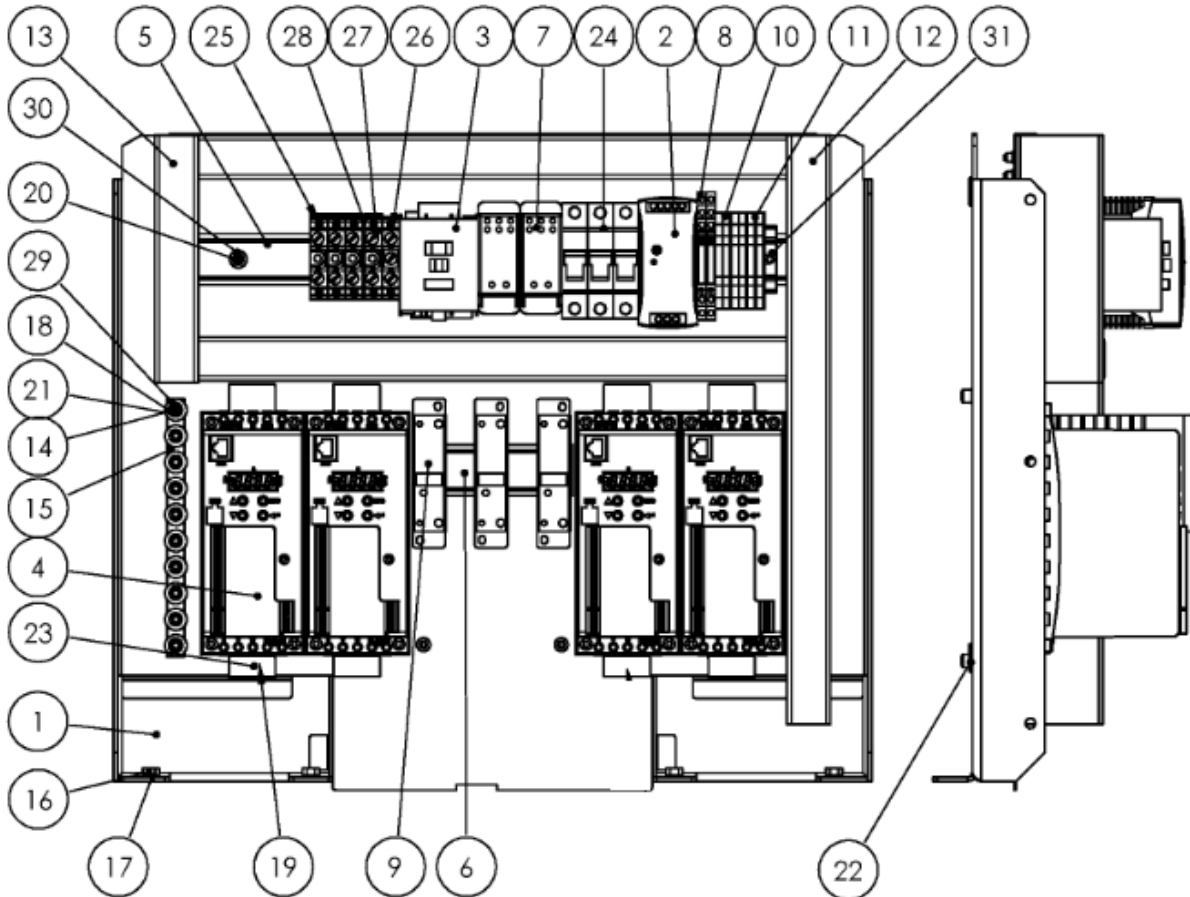
DERECHA/RIGHT



<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>	<i>Qty</i>
1	CHAPA BASTIDOR FLEXMELT	FLEXMELT BASEFRAME SHEET	914XX652	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1

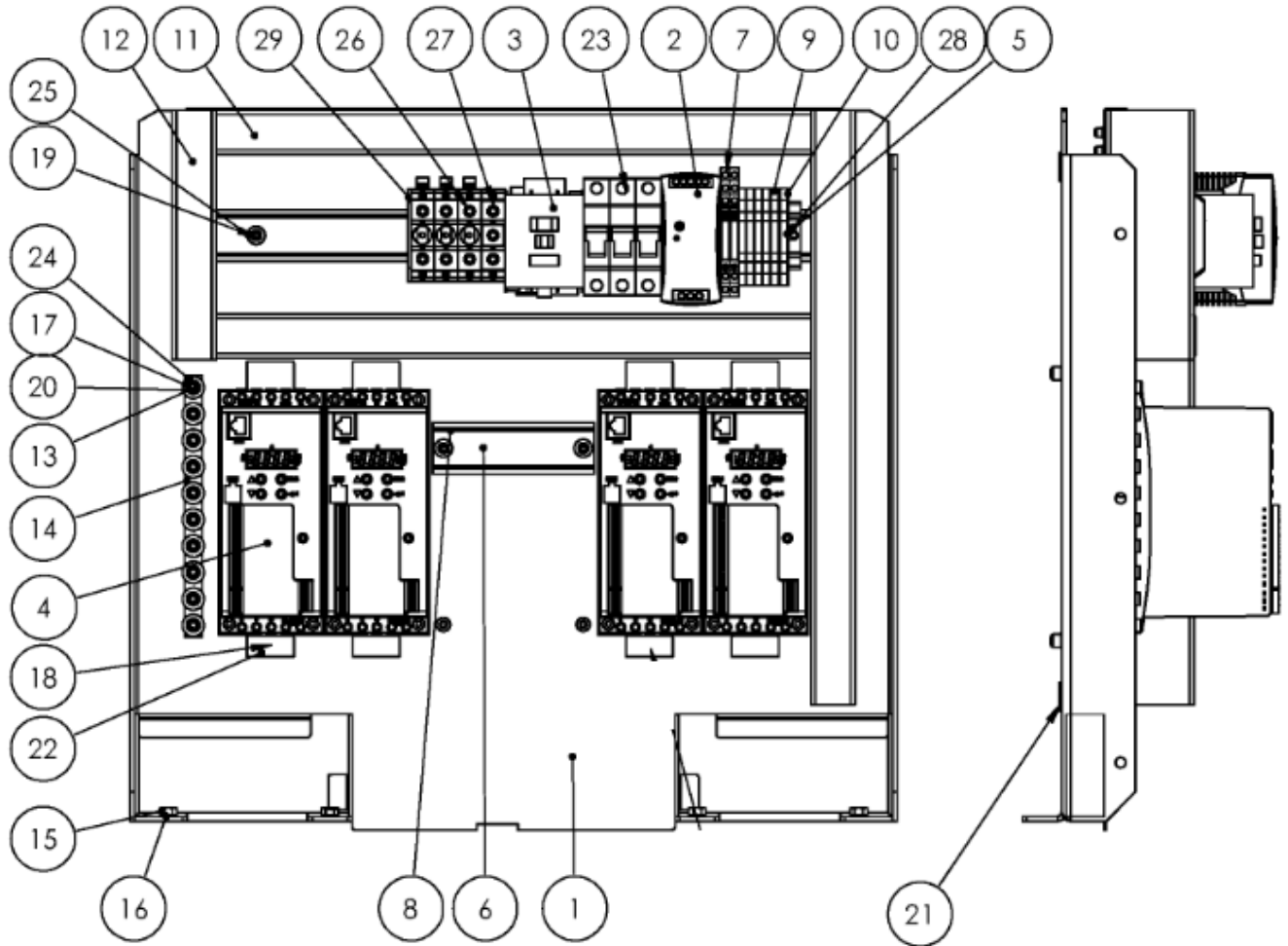
8. SUBCONJUNTO TABIQUE TÉRMICO / THERMAL PARTITION ASSEMBLY:

FLEXMELT 30 C



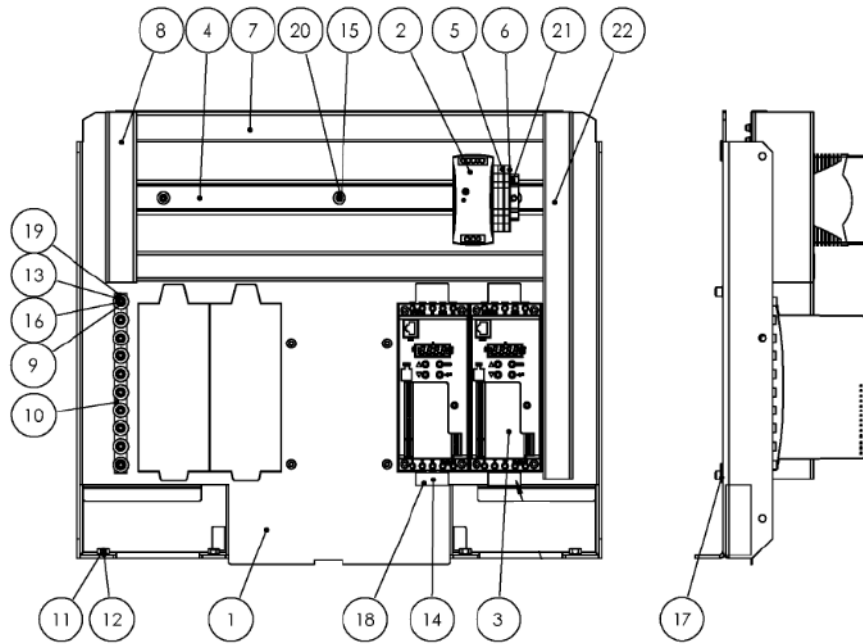
Nº	Descripción	Description	Ref.	Qty
1	TABIQUE TERMICO FLEXMELT 30	FLEXMELT 30 THERMAL WALL	914XX694	1
2	FUENTE ALIMENTACION WIPOS 230VAC-24VD 2,	WIPOS 230VAC-24VD 2, POWER SUPPLY	913XX769	1
3	CONTACTOR III 43A-BOBINA 24VDC	CONTACTOR III 43A-24VDC COIL	914XX637	1
4	VARIADOR LENZE 8400 BASELINE D	VFD LENZE 8400 BASELINE D	914XX667	4
5	CARRIL WEIDMULLER 34380 LONGITUD 405	RAIL WEIDMULLER 34380 LENGTH 405	918XX579	1
6	CARRIL WIEMULLER 34380 LONGITUD 110	RAIL WEIDMULLER 34380 LENGTH 110	913XX792	1
7	BLOQUE REPARTIDOR TENSION HASTA 160 A.	SINGLE POLE DISTRIBUTION BLOCK 160A	913XX800	2
8	RELE ESTADO SOLIDO TIPO BORNA 24VDC 1NA	SOLID STATE RELAY TERMINAL BLOCK TYPE 24VDC 1NA	913XX316	2
9	RELE ESTADO SOLIDO GRD 22.5 20A	SOLID STATE RELAY GRD 22.5 20A	910XX791	3
10	BORNA DOBLE WKN 2,5MM GRIS	WKN 2,5MM GREY DOUBLE TERMINAL BLOCK	918XX576	6
11	TAPA LATERAL BORNA WKN 2,5MM GR	WKN 2,5MM GREY TERMINAL BLOCK LID	918XX586	3
12	CANALETA RANURADA 30X60 (METROS	SLOTTED ELECTRICAL CONDUIT	914XX674	0,41
13	CANALETA RANURADA 30X60 (METROS	SLOTTED ELECTRICAL CONDUIT	914XX674	0,17
14	DISTANCIAL HEXAGONAL M5X15	M5X15 HEXAGONAL SPACER	913XX794	2
15	REGLETA TOMA DE TIERRA	GROUND CONNECTION TERMINAL	913XX793	1
16	TUERCA HEXAGONAL M6 INOX	HEXAGONAL NUT M6 STAINLESS	910XX195	4
17	ARANDELA GROVER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	4
18	ARANDELA GROVER 5 INOX.	GROVER WASHER M5 STAINLESS	910XX085	2
19	TORNILLO ALLEN M6X12 INOX.	ALLEN SCREW M6X12 STAINLESS	910XX089	8
20	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	16
21	TORNILLO ALLEN M5X10 INOX.	ALLEN SCREW M5X10 STAINLESS	910XX968	10
22	PASATABIQUES DE FACIL COLOCACION Ø12XØ16	Ø12 X Ø16 BULKHEAD	913XX795	4
23	PEGATINA OCULTACION TORNILLOS	SCREW HIDING STICKER	913XX802	4
24	INTERRUPTOR MAGNETOTERMICO III 25A C	CIRCUIT BREAKER III 25A	913XX801	1
25	BORNA WKN 16MM GRIS	WKN 16MM GREY TERMINAL BLOCK	913XX796	3
26	BORNA WKN SL 16MM AMARILLO/VERDE	WKN 16MM YELLOW/GREEN TERMINAL BLOCK	913XX798	1
27	BORNA WKN 16MM AZUL	WKN 16MM BLUE TERMINAL BLOCK	913XX797	1
28	TAPA LATERAL BORNA WKN 16MM AZUL	WKN 16MM GREY TERMINAL BLOCK	913XX799	1
29	ARANDELA PLANA INOX 5X15	PLAIN WASHER STAINLESS 5X15	917XX478	10
30	ARANDELA PLANA 4,3X12,1 INOX. DIN 9021	PLAIN WASHER 4,3X12,1 STAINLESS	915XX201	16
31	TOPE FINAL BORNAS	TERMINAL BLOCK FINAL TOP	918XX587	1

FLEXMELT 30 B



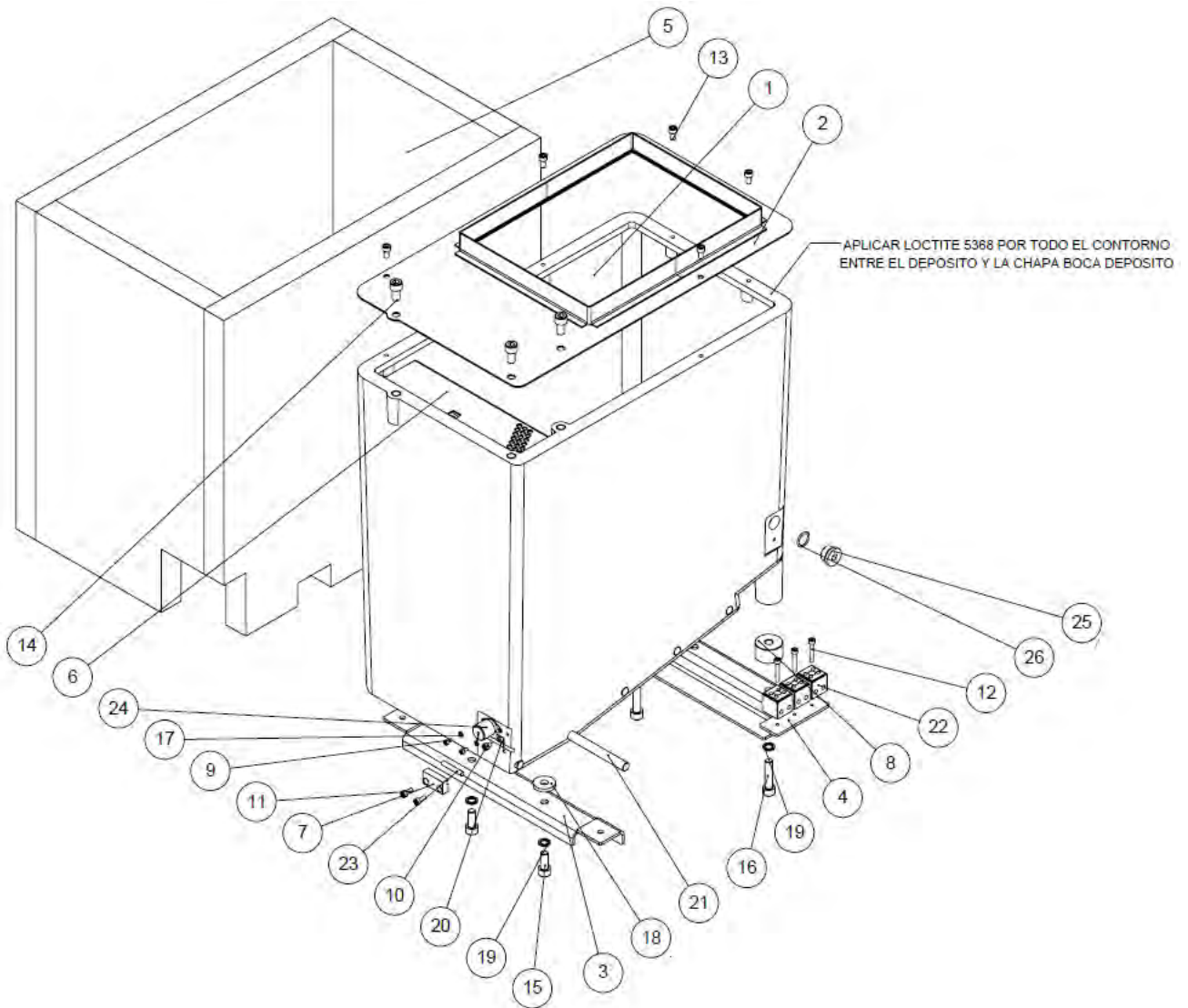
Nº	Descripción	Description	Ref.	Qty
1	TABIQUE TERMICO FLEXMELT 30	FLEXMELT 30 THERMAL WALL	914XX694	1
2	FUENTE ALIMENTACION WIPOS 230VAC-24VD 2,	WIPOS 230VAC-24VD 2, POWER SUPPLY	913XX769	1
3	CONTACTOR III 43A-BOBINA 24VDC	CONTACTOR III 43A-24VDC COIL	914XX637	1
4	VARIADOR LENZE 8400 BASELINE D	VFD LENZE 8400 BASELINE D	914XX667	4
5	CARRIL WEIDMULLER 34380 LONGITUD 405	RAIL WEIDMULLER 34380 LONGITUD 405	918XX579	1
6	CARRIL WIEMULLER 34380 LONGITUD 110	RAIL WEIDMULLER 34380 LENGTH 110	913XX792	1
7	RELE ESTADO SOLIDO TIPO BORNA 24VDC 1NA	SOLID STATE RELAY TERMINAL BLOCK TYPE 24VDC 1NA	913XX316	2
8	RELE ESTADO SOLIDO GRD 22.5 20A	SOLID STATE RELAY GRD 22.5 20A	910XX791	3
9	BORNA DOBLE WKN 2,5MM GRIS	WKN 2,5MM GREY DOUBLE TERMINAL BLOCK	918XX576	6
10	TAPA LATERAL BORNA WKN 2,5MM GR	WKN 2,5MM GREY TERMINAL BLOCK LID	918XX586	3
11	CANALETA RANURADA 30X60 (METROS	SLOTTED ELECTRICAL CONDUIT	914XX674	0,41
12	CANALETA RANURADA 30X60 (METROS	SLOTTED ELECTRICAL CONDUIT	914XX674	0,17
13	DISTANCIAL HEXAGONAL M5X15	M5X15 HEXAGONAL SPACER	913XX794	2
14	REGLETA TOMA DE TIERRA	GROUND CONNECTION TERMINAL	913XX793	1
15	TUERCA HEXAGONAL M6 INOX	HEXAGONAL NUT M6 STAINLESS	910XX195	4
16	ARANDELA GROVER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	4
17	ARANDELA GROVER 5 INOX.	GROVER WASHER M5 STAINLESS	910XX085	2
18	TORNILLO ALLEN M6X12 INOX.	ALLEN SCREW M6X12 STAINLESS	910XX089	8
19	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	16
20	TORNILLO ALLEN M5X10 INOX.	ALLEN SCREW M5X10 STAINLESS	910XX968	10
21	PASATABIQUES DE FACIL COLOCACION Ø12XØ16	Ø12 X Ø16 BULKHEAD	913XX795	4
22	PEGATINA OCULTACION TORNILLOS	SCREW HIDING STICKER	913XX802	4
23	INTERRUPTOR MAGNETOTERMICO III 25A C	CIRCUIT BREAKER III 25A	913XX801	1
24	ARANDELA PLANA INOX 5X15	PLAIN WASHER STAINLESS 5X15	917XX478	10
25	ARANDELA PLANA 4,3X12,1 INOX. DIN 9021	PLAIN WASHER 4,3X12,1 STAINLESS	915XX201	16
26	BORNA WKN 35MM GRIS	WKN 35MM GREY TERMINAL BLOCK	913XX803	3
27	BORNA WKN 35MM VERDE/AMARILLO	WKN 35MM YELLOW/GREEN TERMINAL BLOCK	913XX804	1
28	TOPE FINAL BORNAS	TERMINAL BLOCK FINAL TOP	918XX587	1
29	TAPA LATERAL BORNA WKN 35 GRIS	WKN 35MM GREY TERMINAL BLOCK LID	913XX805	1

FLEXMELT 30 L



Nº	Descripción	Description	Ref.	Qty
1	TABIQUE TERMICO FLEXMELT 30 - 4 BOMBAS	FLEXMELT 30 THERMAL WALL	914XX694	1
2	FUENTE ALIMENTACION WIPOS 230VAC-24VD 2,	WIPOS 230VAC-24VD 2, POWER SUPPLY	913XX769	1
3	VARIADOR LENZE 8400 BASELINE D	VFD LENZE 8400 BASELINE D	914XX667	2
4	CARRIL WEIDMULLER 34380 LONGITUD 405	RAIL WEIDMULLER 34380 LONGITUD 405	918XX579	1
5	BORNA DOBLE WKN 2,5MM GRIS	WKN 2,5MM GREY DOUBLE TERMINAL BLOCK	918XX576	3
6	TAPA LATERAL BORNA WKN 2,5MM GR	WKN 2,5MM GREY TERMINAL BLOCK LID	918XX586	2
7	CANALETA RANURADA 30X60 (METROS	SLOTTED ELECTRICAL CONDUIT	914XX674	0,81
8	CANALETA RANURADA 30X60 (METROS	SLOTTED ELECTRICAL CONDUIT	914XX674	0,17
9	DISTANCIAL HEXAGONAL M5X15	M5X15 HEXAGONAL SPACER	913XX794	2
10	REGLETA TOMA DE TIERRA	GROUND CONNECTION TERMINAL	913XX793	1
11	TUERCA HEXAGONAL M6 INOX	HEXAGONAL NUT M6 STAINLESS	910XX195	4
12	ARANDELA GROVER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	4
13	ARANDELA GROVER 5 INOX.	GROVER WASHER M5 STAINLESS	910XX085	2
14	TORNILLO ALLEN M6X12 INOX.	ALLEN SCREW M6X12 STAINLESS	910XX089	4
15	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	16
16	TORNILLO ALLEN M5X10 INOX.	ALLEN SCREW M5X10 STAINLESS	910XX968	10
17	PASATABIQUES DE FACIL COLOCACION Ø12XØ16	Ø12 X Ø16 BULKHEAD	913XX795	4
18	PEGATINA OCULTACION TORNILLOS	SCREW HIDING STICKER	913XX802	2
19	ARANDELA PLANA INOX 5X15	PLAIN WASHER STAINLESS 5X15	917XX478	10
20	ARANDELA PLANA 4,3X12,1 INOX. DIN 9021	PLAIN WASHER 4,3X12,1 STAINLESS	915XX201	16
21	TOPE FINAL BORNAS	TERMINAL BLOCK FINAL TOP	918XX587	1
22	CANALETA RANURADA 30X60 (METROS	SLOTTED ELECTRICAL CONDUIT	914XX674	0,37

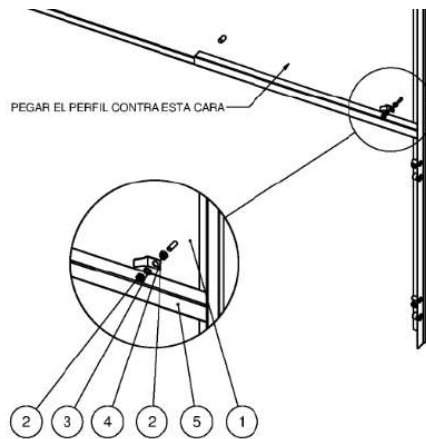
9. SUBCONJUNTO DEPOSITO / TANK ASSEMBLY:



Nº	Descripción	Description	Ref.	Qty
1	DEPOSITO 30KG FLEXMELT	FLEXMELT 30 TANK	depending model	1
2	CHAPA BOCA DEPOSITO FLEXMELT 30	FLEXMELT 30 TANK MOUTH SHEET	914XX696	1
3	SOPORTE PATA TRASERA DEPOSITO	TANK REAR LEG SUPPORT	914XX656	1
4	SOPORTE PATA DELANTERA DEPOSITO	TANK FRONT LEG SUPPORT	914XX657	1
5	KIT AISLAMIENTO DEPOSITO FLEXMELT 30	FLEXMELT INSULATION KIT	914XX672	1
6	REJILLA DEPOSITO V30-2	V30 TANK GRID	915XX244	1
7	BRIDA Sonda C	C PROBE BRIDLE	914XX169	1
8	AISLANTE PATA DEPOSITO	TANK LEG INSULATOR	910XX072	2
9	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132	2
10	TORNILLO ALLEN M4X6 INOX.	ALLEN SCREW M4X6 STAINLESS	910XX004	1
11	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	2
12	TORNILLO ALLEN M4X25 INOX.	ALLEN SCREW M4X25 INOX	917XX407	3
13	TORNILLO ALLEN M5X10 INOX.	ALLEN SCREW M5X10 STAINLESS	910XX968	5
14	TORNILLO ALLEN M8X15 INOX.	ALLEN SCREW M8X15 INOX	914XX067	3
15	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190	2
16	TORNILLO ALLEN M8X35 INOX.	ALLEN SCREW M8X35 STAINLESS	915XX238	2
17	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	2
18	ARANDELA PLANA REFORZADA M8	M8 STRENGTHENED PLAIN WASHER	910XX185	2
19	ARANDELA GROWER M8 INOX.	M8 GROVER WASHER STAINLESS	910XX135	4
20	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
21	RESISTENCIA 10X220 800W	CARTRIDGE HEATER 10X220 800W	911XX144	5
22	REGLETA CERAMICA 20A BIPOLAR	20A BIPOLAR CERAMIC CONECTOR	910XX390	3
23	SONDA TEMPERATURA	TEMPERATURE PROBE	depending model	1
24	MAZO TERMOSTATO	THERMOSTAT WIRING HARNESS	911XX608	1
25	TAPON HEXAGONAL INTERIOR 3/8" BSP CON JUNTA TÓRICA	PLUG 3/8" BSP W/ VITON O'RING	913XX022	1
26	JUNTA TORICA VITON 14X1,78	VITON O-RING Ø14X1,78	913XX685	1

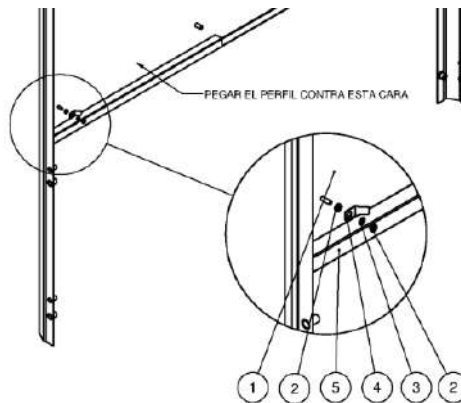
1	DEPOSITO 30KG FLEXMELT 1 / 2 BOMBAS	FM30 - 1/2 PUMPS TANK	914XX713	1
	DEPOSITO 30KG FLEXMELT 3 / 4 BOMBAS	FM30 - 3/4 PUMPS TANK	914XX695	

10. SUBCONJUNTO LATERAL DCHO / RIGHT LATERAL ASSEMBLY (914XX697):



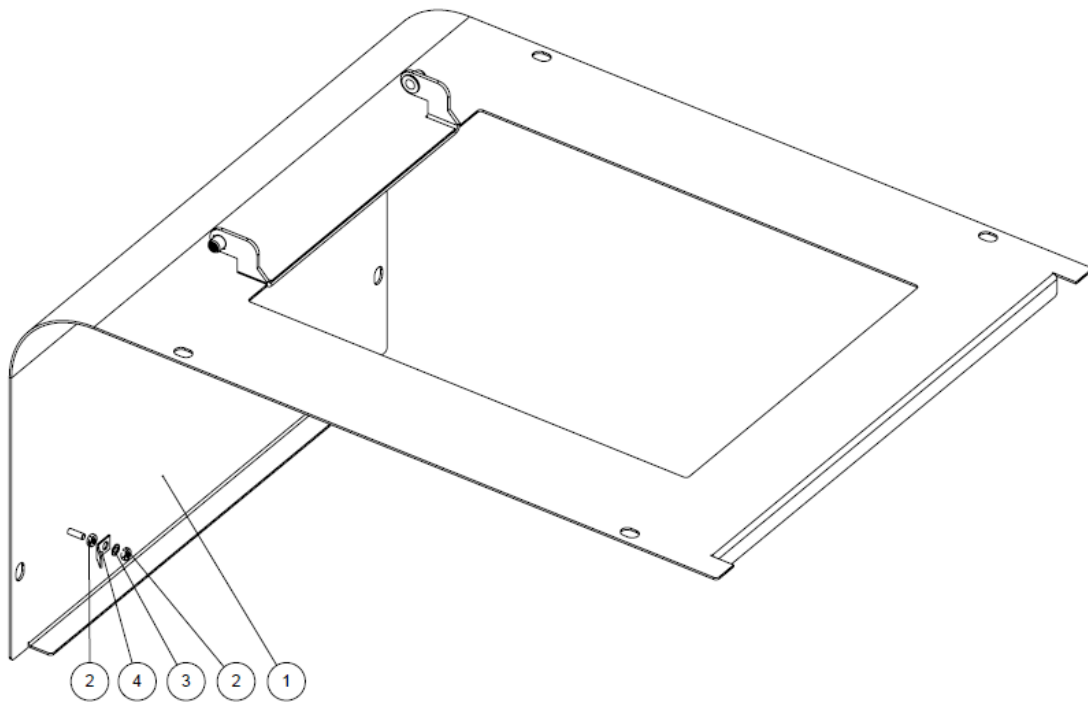
Nº	Descripción	Description	Ref.	Qty
1	LATERAL DCHO. FLEXMELT 30	FLEXMELT 30 RIGHT LATERAL		1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
5	PERFIL ESPONJOSO	FOAMY PROFILE	913XX242	1

11. SUBCONJUNTO LATERAL IZDO / LEFT LATERAL ASSEMBLY (914XX698):



Nº	Descripción	Description	Ref.	Qty
1	LATERAL IZDO. FLEXMELT 30	FLEXMELT 30 LEFT LATERAL		1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
5	PERFIL ESPONJOSO	FOAMY PROFILE	913XX242	1

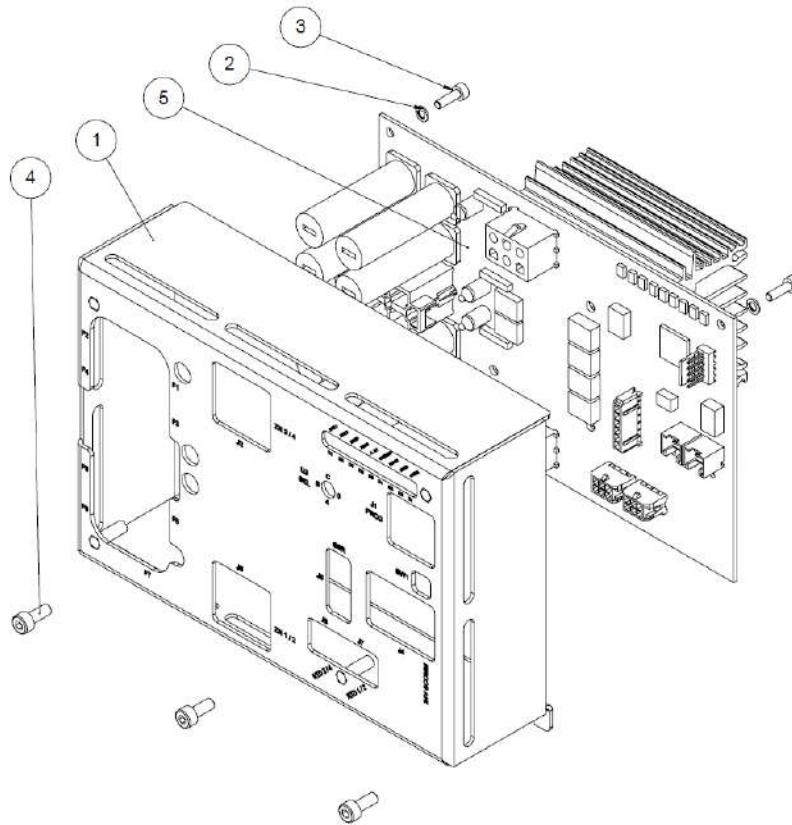
12.SUBCONJUNTO CHAPA SUPERIOR / TOP PLATE ASSEMBLY:



Nº	Descripción	Description	Ref.	Qty
1	CHAPA SUPERIOR FLEXMELT 30-4 BOMBAS	FM 30-4 PUMPS TOP PLATE	914XX699	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1

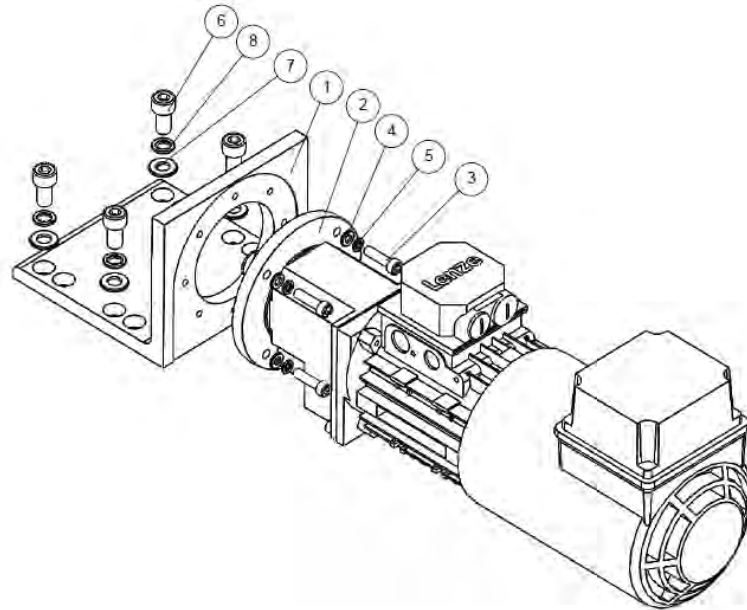
13. KIT TARJETA 2 SALIDAS V1 / 2 OUTPUTS BOARD KIT V1:
 -EQUIPOS DESDE Nº DE SERIE 1247/ EQUIPMENTS WITH SERIAL NUMBER FROM 1247: **911XX875**

-EQUIPOS DE HASTA Nº DE SERIE 1246/ EQUIPMENTS WITH SERIAL NUMBER UP TO 1246: **911XX876**

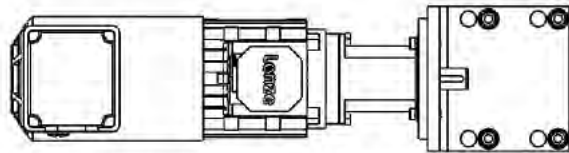
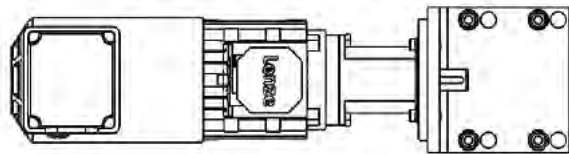


Nº	Descripción	Description	Ref.	Qty
1	CUBIERTA SOPORTE TARJETA V1	BOARD SUPPORT COVER V1		1
2	ARANDELA GROVER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	4
3	TORNILLO ALLEN M3X10 INOX	ALLEN SCREW M3X10 STAINLESS	910XX084	4
4	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	3
5	PCB,ASSY,UPDATED SATC 4 ZONE	PCB,ASSY,UPDATED SATC 4 ZONE	151XX730	1

14.SUBCONJUNTO MOTOR / MOTOR ASSEMBLY:



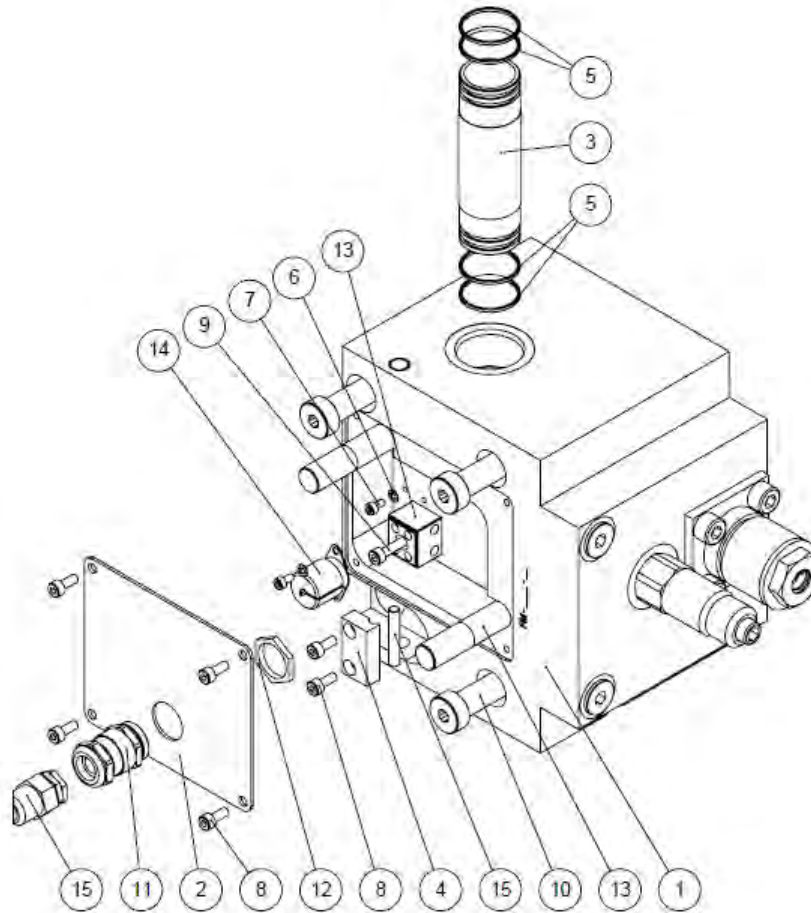
MONTAJE PARA BOMBA SIMPLE



MONTAJE PARA BOMBA DOBLE

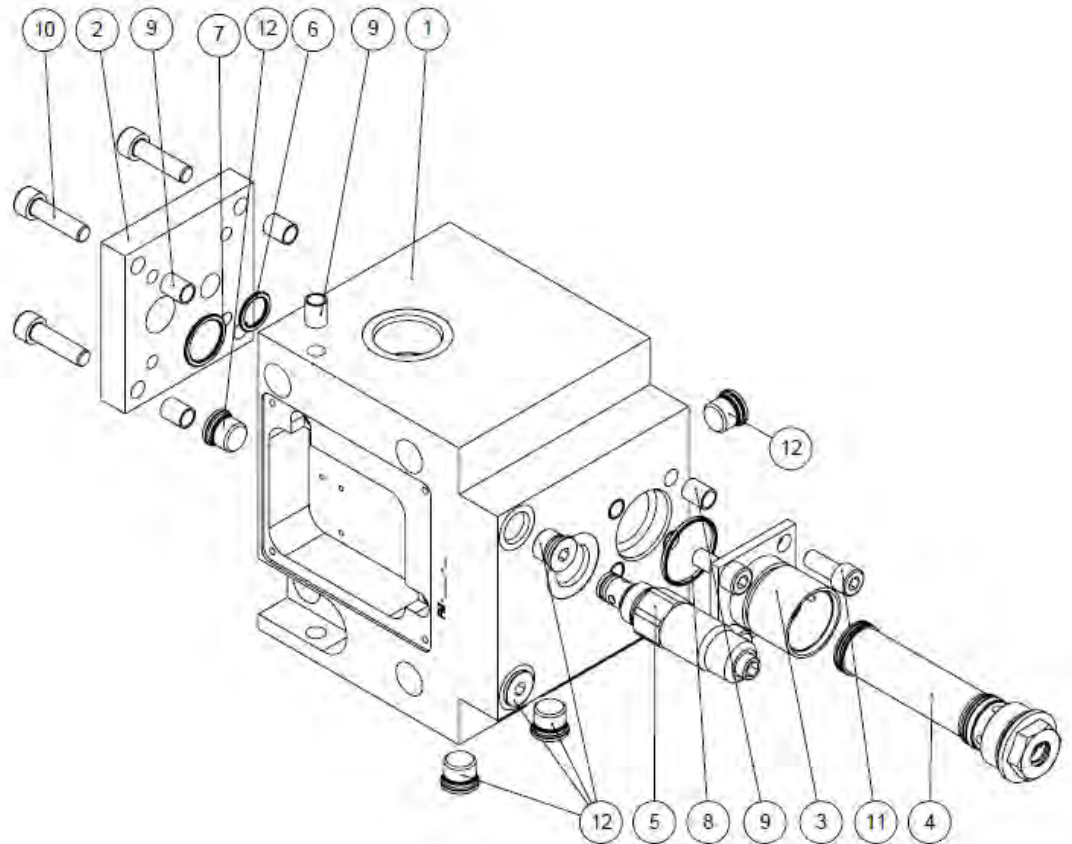
Nº	Descripción	Description	Ref.	Qty
1	SOPORTE V1 MOTOR FLEXMELT	FLEXMELT V1 MOTOR SUPPORT	914XX662	1
2	MOTORREDUCTOR LENZE - GST03-2M VCK 063C3	LENZE - GST03-2M VCK 063C3 GEARMOTOR	914XX663	1
3	TORNILLO ALLEN M6X25 INOX.	ALLEN SCREW M6X25 STAINLESS	914XX175	4
4	ARANDELA PLANA M6 INOX.	PLAIN WASHER M6 STAINLESS	917XX498	4
5	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	4
6	TORNILLO ALLEN M10X20 INOX.	ALLEN SCREW M10X20 INOX	910XX908	4
7	ARANDELA PLANA M10 INOX.	M10 PLAIN WASHER STAINLESS	911XX069	4
8	ARANDELA GROWER M10 INOX.	GROVER WASHER M10 STAINLESS	915XX578	4

15.1. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE / FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY



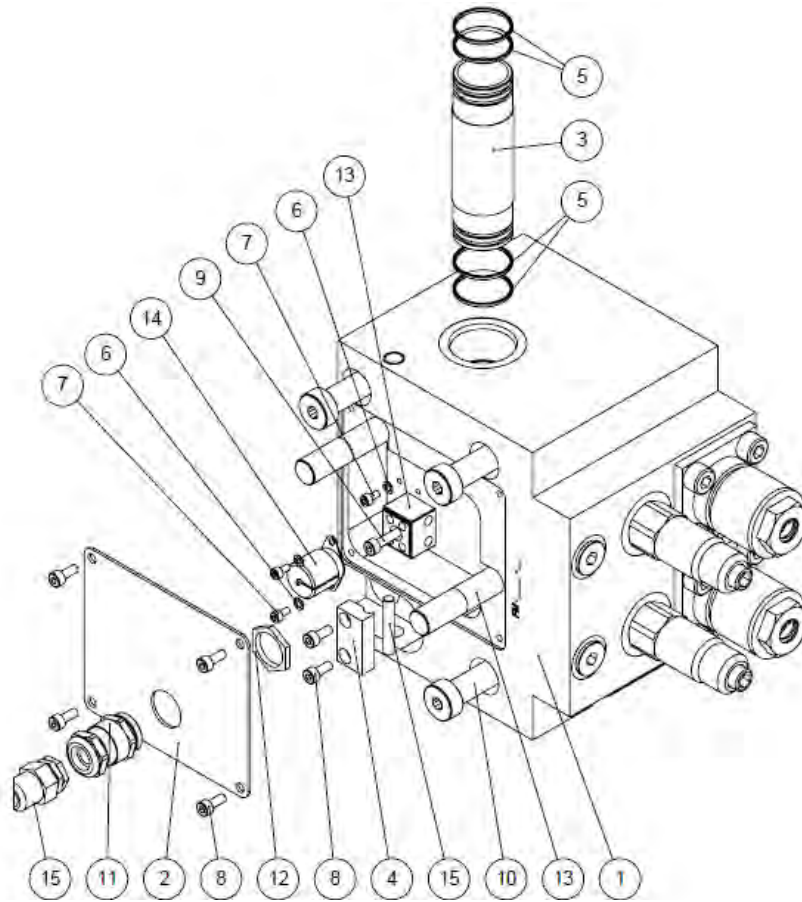
Nº	Descripción	Description	Ref.	Ref.	Qty
1	KIT MONTAJE DISTRIBUIDOR 2 SALIDAS FLEXMELT BOMBA SIMPLE	2 OUTPUT FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT	Page 29		1
2	CHAPA ELECT. DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ELECTRIC SHEET	914XX665		1
3	TUBO COMUNICACION B30	B30 COMMUNICATION TUBE	918XX764		1
4	BRIDA SONDA	SUPPORTING FLANGE	914XX169		1
5	JUNTA TORICA VITON 25X1,5	VITON O-RING Ø25X1,5	914XX926		4
6	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397		3
7	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132		3
8	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		6
9	TORNILLO ALLEN M4X20 INOX.	ALLEN SCREW M4X20 STAINLESS	914XX304		1
10	TORNILLO AMARRE DISTRIBUIDOR	MANIFOLD MOORING SCREW	-		4
11	PRENSA PG-11 LATON ALTA TEMPERATURA	HIGH TEMPERATURE PG-11 PRESS			1
12	TUERCA PG-11 LATON	NUT PG-11 BRASS	915XX081	913XX504	1
13	MAZO RESISTENCIAS DISTRIBUIDOR FM	FM MANIFOLD RESISTORS HARNESS	-		1
14	MAZO TERMOSTATO	THERMOSTAT HARNESS	DEPENDING MODEL		1
15	MAZO DE CABLES	WIRING HARNESS	DEPENDING MODEL		1

15.1.1. KIT MONTAJE DISTRIBUIDOR 2 SALIDAS FLEXMELT BOMBA SIMPLE / 2 OUTPUT FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT



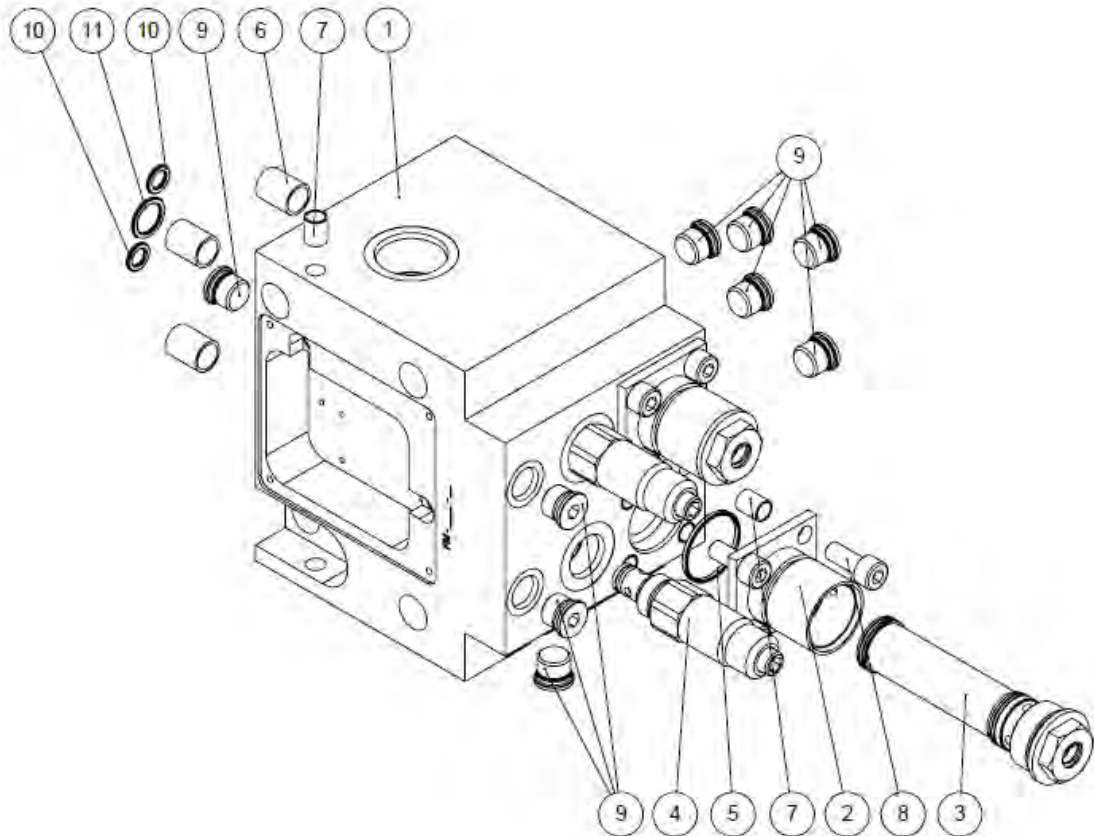
Nº	Descripción	Description	Ref.	Ref.	Qty
1	CUERPO DISTRIBUIDOR SIMPLE FLEXMELT	FLEXMELT SIMPLE MANIFOLD BODY	914XX664		1
2	PLACA ADAPTACION FLEXMELT BOMBA SIMPLE V1	FLEXMELT BS ADAPTATION PLATE V1	913XX618		1
3	BRIDA ROSCA FILTRO MOD.2	FILTER THREAD BRIDLE MOD.2	915XX820		1
4	SUBCONJUNTO FILTRO EC/K	EC/K FILTER SUBASSEMBLY	Page 36		1
5	KIT REGULADOR DE PRESION TARADO A 80BAR V1	PRESURE REGULATOR KIT 80BAR TARED	912XX169		1
6	JUNTA TORICA VITON 14X2	VITON O-RING Ø14X2	911XX227		1
7	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047		1
8	JUNTA TORICA VITON 30X2	VITON O-RING Ø30X2	914XX090		1
9	HELICOIL M8X12	M8X12 HELICOIL	915XX173		9
10	TORNILLO ALLEN M8X30 INOX	ALLEN SCREW M8X30 STAINLESS	911XX125		4
11	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190		4
12	TAPON 9/16" CON JUNTA	9/16" CAP WITH O-RING	-		6
	JUNTA TORICA VITON 12X2	VITON O-RING Ø12X2	910XX049	917XX031	6

15.2. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA DOBLE / FLEXMELT DOUBLE PUMP MANIFOLD ASSEMBLY



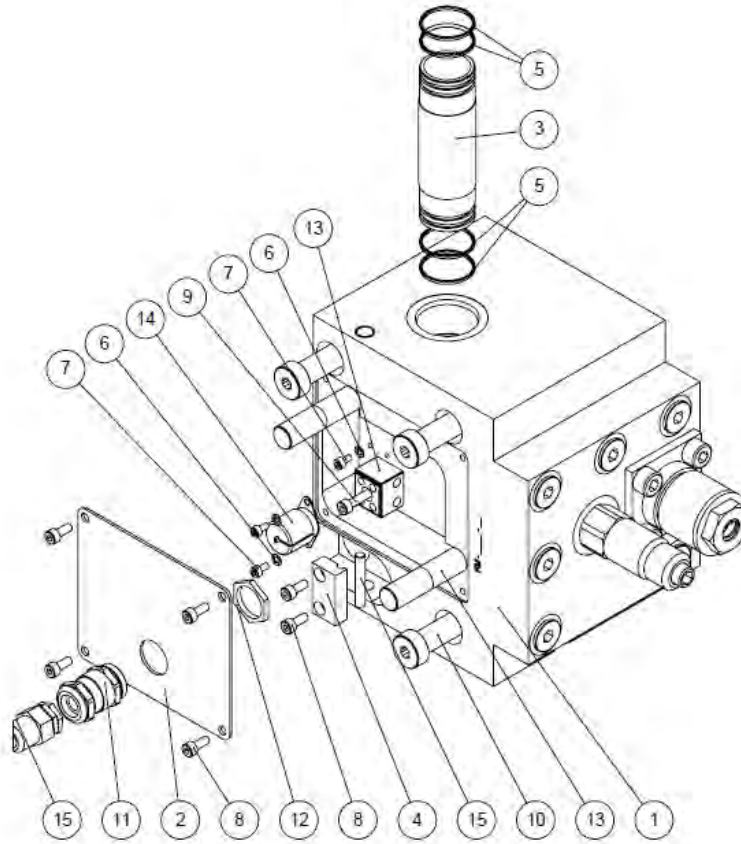
Nº	Descripción	Description	Ref.	Ref.	Qty
1	KIT MONTAJE DISTRIBUIDOR FLEXMELT BOMBA DOBLE	FLEXMELT DOUBLE PUMP MANIFOLD ASSEMBLY KIT	Page 31		1
2	CHAPA ELECT. DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ELECTRIC SHEET	914XX665		1
3	TUBO COMUNICACION B30 INOX	STAINLESS B30 COMMUNICATION TUBE	918XX764		1
4	BRIDA SONDA	SUPPORTING FLANGE	914XX169		1
5	JUNTA TORICA VITON 25X1,5	VITON O-RING Ø25X1,5	914XX926		4
6	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397		3
7	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132		3
8	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		6
9	TORNILLO ALLEN M4X20 INOX.	ALLEN SCREW M4X20 STAINLESS	914XX304		1
10	TORNILLO AMARRE DISTRIBUIDOR	MANIFOLD MOORING SCREW	-		4
11	PRENSA PG-11 LATON ALTA TEMPERATURA	HIGH TEMPERATURE PG-11 PRESS			1
12	TUERCA PG-11 LATON	NUT PG-11 BRASS	915XX081	913XX504	1
13	MAZO RESISTENCIAS DISTRIBUIDOR FM	FM MANIFOLD RESISTORS HARNESS	-		1
14	MAZO TERMOSTATO	THERMOSTAT HARNESS	DEPENDING MODEL		1
15	MAZO DE CABLES	WIRING HARNESS	DEPENDING MODEL		1

15.2.1. KIT MONTAJE DISTRIBUIDOR FLEXMELT BOMBA DOBLE / FLEXMELT DOUBLE PUMP MANIFOLD ASSEMBLY KIT



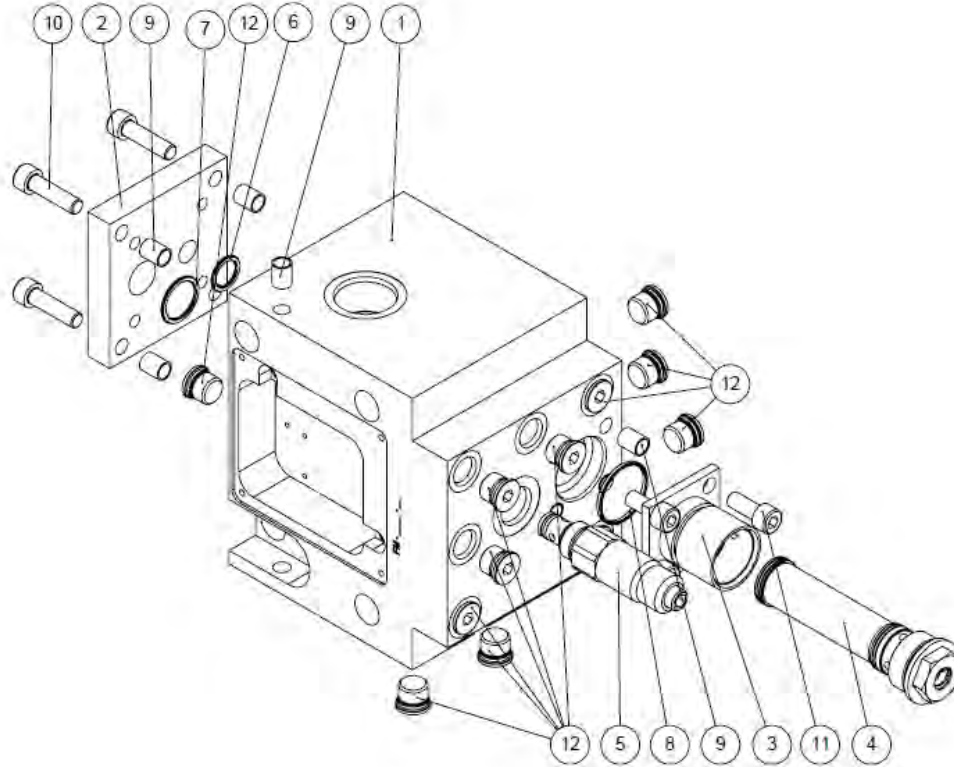
Nº	Descripción	Description	Ref.	Ref.	Qty
1	CUERPO DISTRIBUIDOR DOBLE FLEXMELT	FLEXMELT DOUBLE MANIFOLD BODY	914XX666		1
2	BRIDA ROSCA FILTRO MOD.2	FILTER THREAD BRIDLE MOD.2	915XX820		2
3	SUBCONJUNTO FILTRO EC/K	EC/K FILTER SUBASSEMBLY	Page 36		2
4	KIT REGULADOR DE PRESION TARADO A 80BAR V1	PRESURE REGULATOR KIT 80BAR TARED	912XX169		2
5	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047		2
6	HELICOIL M12X18	M12X18 HELICOIL	-		4
7	HELICOIL M8X12	M8X12 HELICOIL	915XX173		9
8	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190		8
9	TAPON 9/16" CON JUNTA JUNTA TORICA VITON 12X2	9/16" CAP WITH O-RING VITON O-RING Ø12X2	- 910XX049	917XX031	9 9
10	JUNTA TORICA VITON 8X2	VITON O-RING Ø8X2	914XX275		2
11	JUNTA TORICA VITON 14X2	VITON O-RING Ø14X2	911XX227		1

15.3. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE 6 SALIDAS / FLEXMELT SIMPLE PUMP 6 OUTPUTS MANIFOLD ASSEMBLY



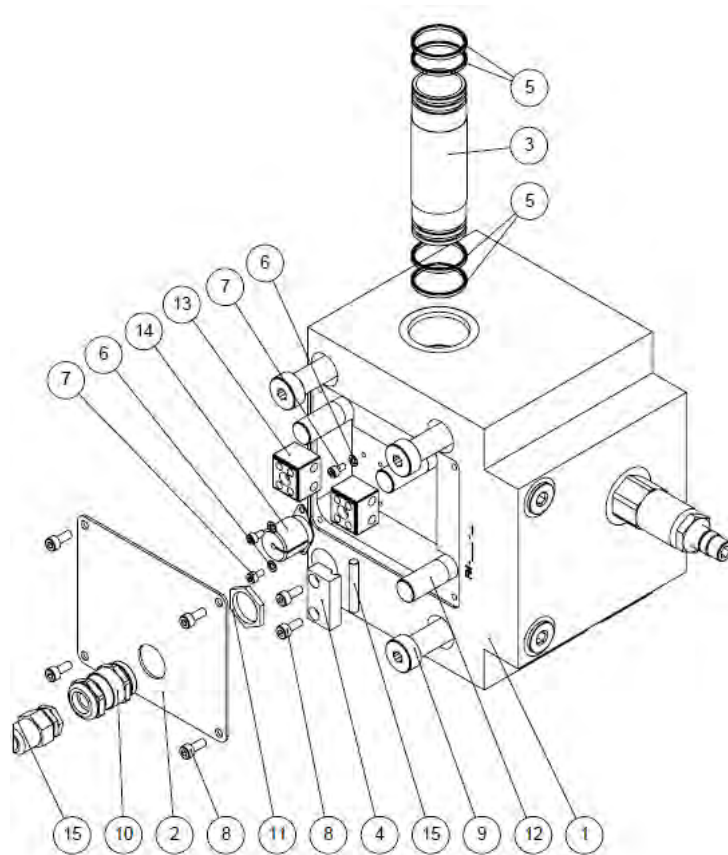
Nº	Descripción	Description	Ref.	Ref.	Qty
1	KIT MONTAJE DISTRIBUIDOR 6 SALIDAS FLEXMELT BOMBA SIMPLE	6 OUTPUTS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT	Page 33		1
2	CHAPA ELECT. DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ELECTRIC SHEET	914XX665		1
3	TUBO COMUNICACION B30 INOX	STAINLESS B30 COMMUNICATION TUBE	918XX764		1
4	BRIDA SONDA	SUPPORTING FLANGE	914XX169		1
5	JUNTA TORICA VITON 25X1,5	VITON O-RING Ø25X1,5	914XX926		4
6	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397		3
7	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132		3
8	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		6
9	TORNILLO ALLEN M4X20 INOX.	ALLEN SCREW M4X20 STAINLESS	914XX304		1
10	TORNILLO AMARRE DISTRIBUIDOR	MANIFOLD MOORING SCREW	-		4
11	PRENSA PG-11 LATON ALTA TEMPERATURA	HIGH TEMPERATURE PG-11 PRESS	-		1
12	TUERCA PG-11 LATON	NUT PG-11 BRASS	915XX081	913XX504	1
13	MAZO RESISTENCIAS DISTRIBUIDOR FM	FM MANIFOLD RESISTORS HARNESS	-		1
14	MAZO TERMOSTATO	THERMOSTAT HARNESS	DEPENDING MODEL		1
15	MAZO DE CABLES	WIRING HARNESS	DEPENDING MODEL		1

15.3.1. KIT MONTAJE DISTRIBUIDOR 6 SALIDAS FLEXMELT BOMBA SIMPLE / 6 OUTPUTS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT



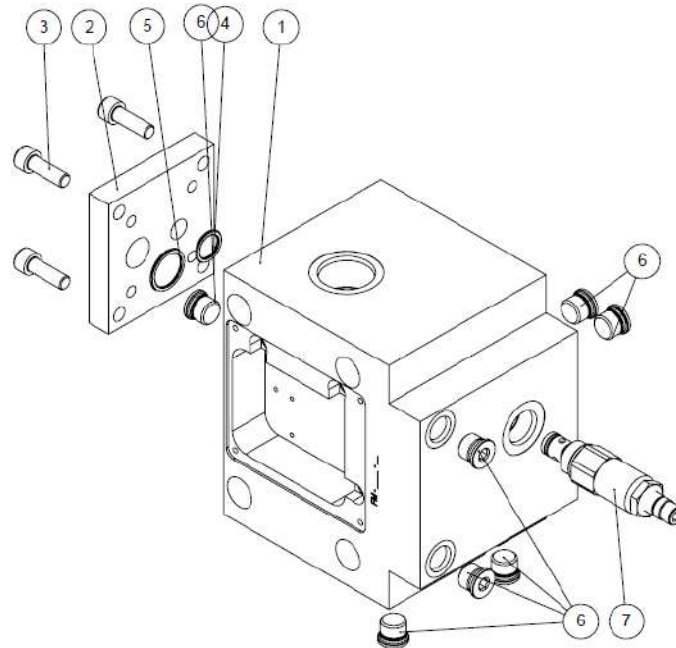
Nº	Descripción	Description	Ref.	Ref.	Qty
1	CUERPO DISTRIBUIDOR SIMPLE FLEXMELT 6 SALIDAS	FLEXMELT 6 OUTPUTS SIMPLE MANIFOLD BODY	913XX669		1
2	PLACA ADAPTACION FLEXMELT BOMBA SIMPLE V1	FLEXMELT BS ADAPTATION PLATE V1	913XX618		1
3	BRIDA ROSCA FILTRO MOD.2	FILTER THREAD BRIDLE MOD.2	915XX820		1
4	SUBCONJUNTO FILTRO EC/K	EC/K FILTER SUBASSEMBLY	Page 36		1
5	KIT REGULADOR DE PRESION TARADO A 80BAR V1	PRESURE REGULATOR KIT 80BAR TARED	912XX169		1
6	JUNTA TORICA VITON 14X2	VITON O-RING Ø14X2	911XX227		1
7	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047		1
8	JUNTA TORICA VITON 30X2	VITON O-RING Ø30X2	914XX090		
9	HELICOIL M8X12	M8X12 HELICOIL	915XX173		9
10	TORNILLO ALLEN M8X30 INOX	ALLEN SCREW M8X30 STAINLESS	911XX125		4
11	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190		4
12	TAPON 9/16" CON JUNTA	9/16" CAP WITH O-RING	-		12
	JUNTA TORICA VITON 12X2	VITON O-RING Ø12X2	910XX049	917XX031	12

15.4. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE INOX / STAINLESS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY



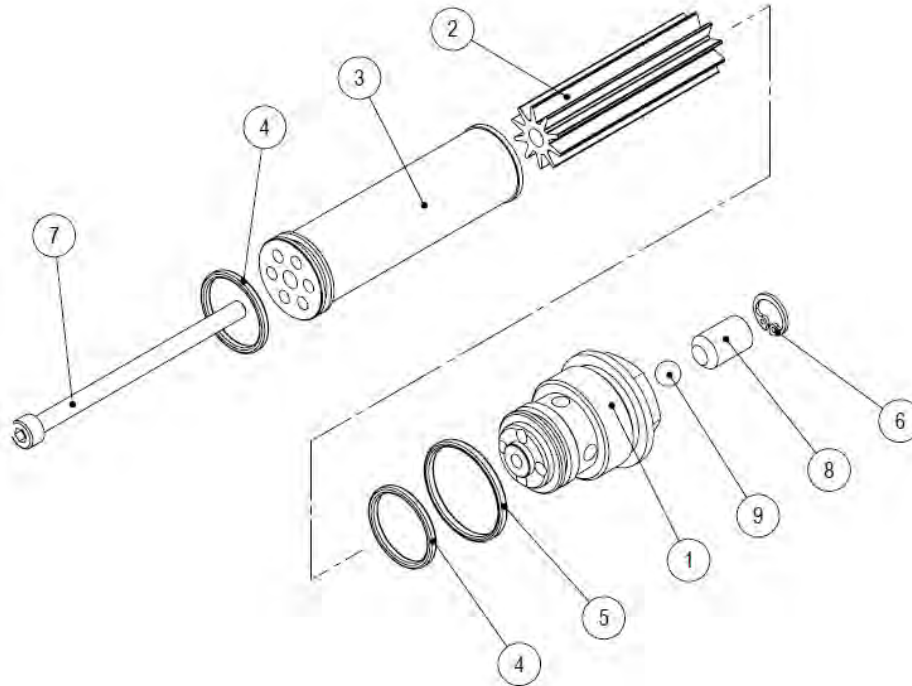
Nº	Descripción	Description	Ref.	Ref.	Qty
1	KIT MONTAJE DISTRIBUIDOR INOX. FLEXMELT BOMBA SIMPLE	STAINLESS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT	Page 35		1
2	CHAPA ELECT. DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ELECTRIC SHEET	914XX665		1
3	TUBO COMUNICACION B30 INOX	STAINLESS B30 COMMUNICATION TUBE	918XX764		1
4	BRIDA SONDA	SUPPORTING FLANGE	914XX169		1
5	JUNTA TORICA VITON 25X1,5 FDA	FDA VITON O-RING Ø25X1,5			4
6	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397		3
7	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132		3
8	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		6
9	TORNILLO AMARRE DISTRIBUIDOR	MANIFOLD MOORING SCREW	-		4
10	PRENSA PG-11 LATON ALTA TEMPERATURA	HIGH TEMPERATURE PG-11 PRESS	-		1
11	TUERCA PG-11 LATON	NUT PG-11 BRASS	915XX081	913XX504	1
12	RESISTENCIA 12,7x96 550W 230V	12,7x96 550W 230V RESISTORS	-		3
13	REGLETA CERAMICA 10A BIPOLAR	10ª BIPOLAR CERAMIC TERMINAL BLOCK	917XX434		2
14	MAZO TERMOSTATO	THERMOSTAT HARNESS	DEPENDING MODEL		1
15	MAZO DE CABLES	WIRING HARNESS	DEPENDING MODEL		1
17	TAPON 9/16"	PLUG 9/16" UNF	910XX221		1
	JUNTA TORICA VITON 12X2	VITON O'RING 12X2	910XX049	-	1

15.4.1. KIT MONTAJE DISTRIBUIDOR INOX. FLEXMELT BOMBA SIMPLE / STAINLESS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT



Nº	Descripción	Description	Ref.	Ref.	Qty
1	CUERPO DISTRIBUIDOR SIMPLE FLEXMELT INOX.	STAINLESS FLEXMELT SIMPLE MANIFOLD BODY	913XX621		1
2	PLACA ADAPTACION FLEXMELT BOMBA SIMPLE V1	FLEXMELT BS ADAPTATION PLATE V1	913XX618		1
3	TORNILLO ALLEN M8X25 INOX	ALLEN SCREW M8X25 STAINLESS	915XX189		4
4	JUNTA TORICA VITON 14X2 FDA	FDA VITON O-RING Ø14X2	913XX625		1
5	JUNTA TORICA VITON 20X2 FDA	FDA VITON O-RING Ø20X2	913XX628		1
6	TAPON 9/16" CON JUNTA JUNTA TORICA VITON 12X2	9/16" CAP WITH O-RING VITON O-RING Ø12X2	- 910XX049	917XX031	7
7	REGULADOR DE PRESION INOX FDA	FDA STAINLESS PRESURE REGULATOR	Pag 38		1

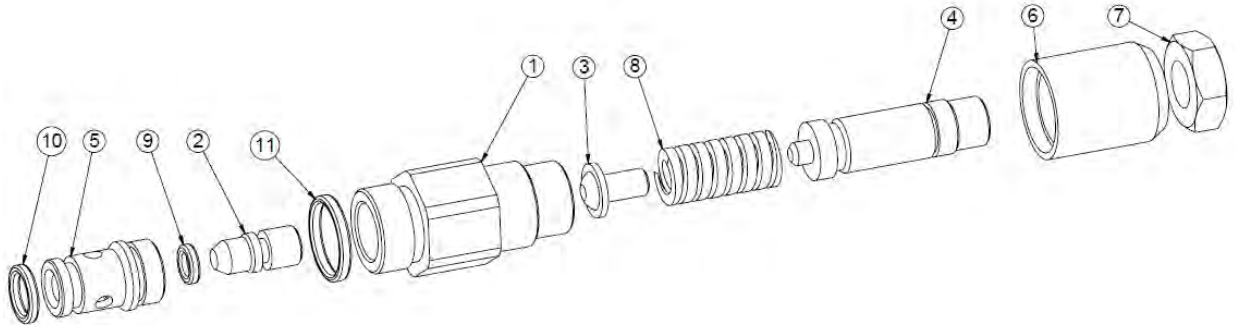
16. CONJUNTO FILTRO EC/K / EC/K FILTER ASSEMBLY (916XX757)



Nº	Descripción	Description	Ref.	Ref.	Qty
1	TORNILLO FILTRO + TORN PURGADOR	FILTER SCREW + BLEEDER SCREW	-		1
8	ESPARRAGO ROSCADO M10X16 INOX	STAINLESS M10X16 THREADED STUD	917XX571	917XX570	1
9	BOLA 7 INOX	Ø7 BALL			1
6	ANILLO ELASTICO AGUJERO 12	HOLE 12 ELASTIC RING	910XX765		1
2	DISTANCIAL INTERIOR FILTRO EC/K	EC/K FILTER INTERNAL SPACER	917XX117		1
3	CARTUCHO FILTRO SERIE EC/K	EC/K 0.23 FILTER CARTRIDGE	DEPENDING MODEL		1
4	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047		2
5	JUNTA TORICA VITON 26X2	VITON O-RING Ø26X2	914XX177		1
7	TORNILLO ALLEN M5X80 INOX.	ALLEN SCREW M5X80 STAINLESS	917XX120		1

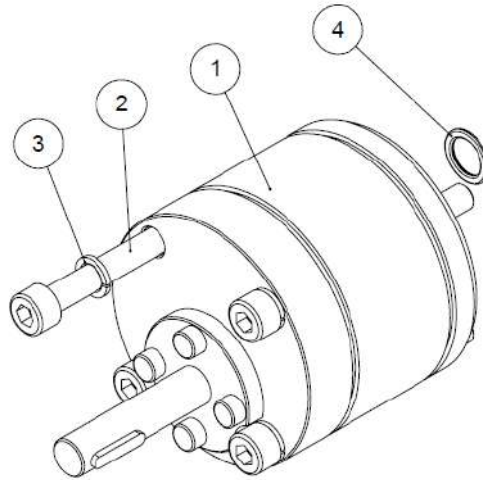
Nº	Descripción	Description	Ref.	Ref.	Qty
1	CARTUCHO FILTRO 0,23 SERIE EC/K	EC SERIE 0,23 FILTER CARTRIDGE	917XX119		1
2	CARTUCHO FILTRO 0,50 SERIE EC/K	EC SERIE 0,50 FILTER CARTRIDGE	913XX615		1
3	CARTUCHO FILTRO 0,15 SERIE EC/K	EC SERIE 0,15 FILTER CARTRIDGE	900XX028		1

17. REGULADOR DE PRESION INOX FDA / STAINLESS FDA PRESURE REGULATOR (913XX624)



Nº	Descripción	Description	Ref.	Qty
1	CASQUILLO REGULADOR DE PRESION INOX	STAINLESS PRESSURE REGULATOR BUSHING	913XX629	1
2	AGUJA CIERRE REGULADOR DE PRESION INOX	STAINLESS PRESSURE REGULATOR CLOSING NEEDLE	913XX630	1
3	ASIENTO AGUJA CIERRE REGULADOR DE PRESION INOX	STAINLESS PRESSURE REGULATOR CLOSING NEEDLE SEAT	913XX631	1
4	EMPUJADOR REGULADOR DE PRESION INOX	STAINLESS PRESSURE REGULATOR PUSHER	913XX632	1
5	PUNTA REGULADOR DE PRESION INOX	STAINLESS PRESSURE REGULATOR TIP	913XX633	1
6	CASQUILLO CIERRE REGULADOR DE PRESION INOX	STAINLESS PRESSURE REGULATOR CLOSING BUSHING	913XX634	1
7	TUERCA HEXAGONAL M12X1,5 DIN 936	DIN936 M12X1.5 HEXAGONAL NUT	913XX636	1
8	MUELLE REGULADOR DE PRESION INOX DANLY 9-0804-36	STAINLESS DANLY 9-0804-36 SPRING	913XX635	1
9	JUNTA TORICA 5.28X1.78 FDA	FDA O-RING Ø5,27X1,78	913XX637	1
10	JUNTA TORICA 9,5X1,8 FDA	FDA O-RING Ø9,5X1,8	913XX638	1
11	JUNTA TORICA 16X2 FDA	VITON O-RING FDA 16X2	912XX467	1

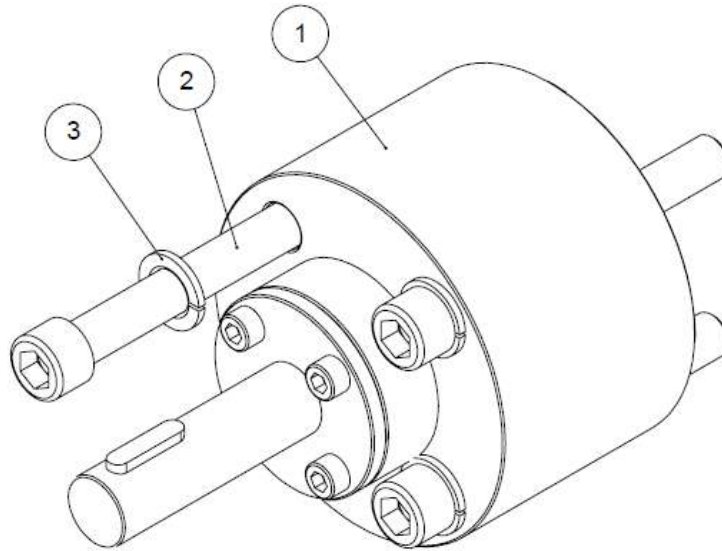
18. KIT BOMBA ENGRANAJE SIMPLE / SIMPLE GEAR PUMP KIT



Nº	Descripción	Description	Ref.	Qty
1	BOMBA ENGRANAJES	GEAR PUMP	depending model	1
2	TORNILLO ALLEN M8 INOX	ALLEN SCREW M8 STAINLESS	depending model	4
3	ARANDELA GROWER M8 INOX.	M8 GROVER WASHER STAINLESS	910XX135	4
4	JUNTA TORICA VITON 12X2	VITON O-RING Ø12X2	910XX049	1

1	BOMBA ENGRANAJES 0,45 CC/REV M.V.V.	GEAR PUMP 0,45CC/REV	916XX239
2	TORNILLO ALLEN M8X50 INOX	ALLEN SCREW M8X50 STAINLESS	911XX154
1	BOMBA ENGRANAJES 1 CC/REV M.V.V.	GEAR PUMP 1 CC/REV	911XX217
2	TORNILLO ALLEN M8X50 INOX	ALLEN SCREW M8X50 STAINLESS	911XX154
1	BOMBA ENGRANAJES 2,5 CC/REV M.V.V.	GEAR PUMP 2,5 CC/REV	911XX214
2	TORNILLO ALLEN M8X55 INOX	ALLEN SCREW M8X55 STAINLESS	915XX222
1	BOMBA ENGRANAJES 4 CC/REV M.V.V.	GEAR PUMP 4 CC/REV	911XX215
2	TORNILLO ALLEN M8X60 INOX.	ALLEN SCREW M8X60 STAINLESS	917XX274
1	BOMBA ENGRANAJES 8 CC/REV M.V.V.	GEAR PUMP 8 CC/REV	911XX216
2	TORNILLO ALLEN M8X80 INOX	ALLEN SCREW M8X80 STAINLESS	910XX748

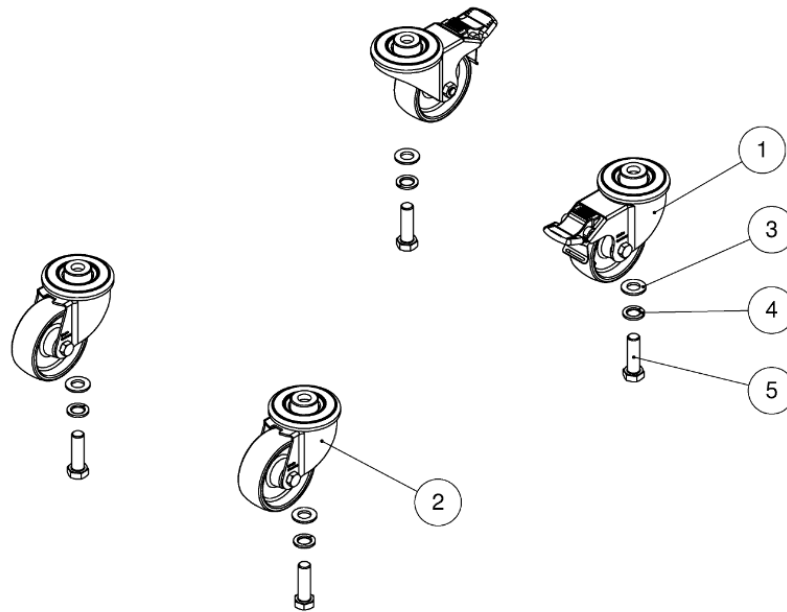
19. KIT BOMBA ENGRANAJE DOBLE / DOUBLE GEAR PUMP KIT



Nº	Descripción	Description	Ref.
1	BOMBA ENGRANES 2X0,6CC/REV M.V.V.	GEAR PUMP 2X0,6CC/REV	depending model
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	depending model
3	ARANDELA GROVER M12	GROVER WASHER M12 STAINLESS	917XX515

1	BOMBA ENGRANES 2X0,4CC/REV M.V.V.	GEAR PUMP 2X0,4CC/REV	911XX722
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	912XX644
1	BOMBA ENGRANES 2X0,6CC/REV M.V.V.	GEAR PUMP 2X0,6CC/REV	918XX038
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	912XX644
1	BOMBA ENGRANES 2X1,2CC/REV M.V.V.	GEAR PUMP 2X1,2CC/REV	918XX039
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	912XX644
1	BOMBA ENGRANES 2X2,4CC/REV M.V.V.	GEAR PUMP 2X2,4CC/REV	918XX047
2	TORNILLO ALLEN M12X90 INOX.	ALLEN SCREW M12X90 STAINLESS	912XX494
1	BOMBA ENGRANES 2X4,8CC/REV M.V.V.	GEAR PUMP 2X4,8CC/REV	918XX103
2	TORNILLO ALLEN M12X100 INOX.	ALLEN SCREW M12X100 STAINLESS	914XX181

20. KIT DE RUEDAS FLEXMELT / FLEXMELT WHEEL KIT

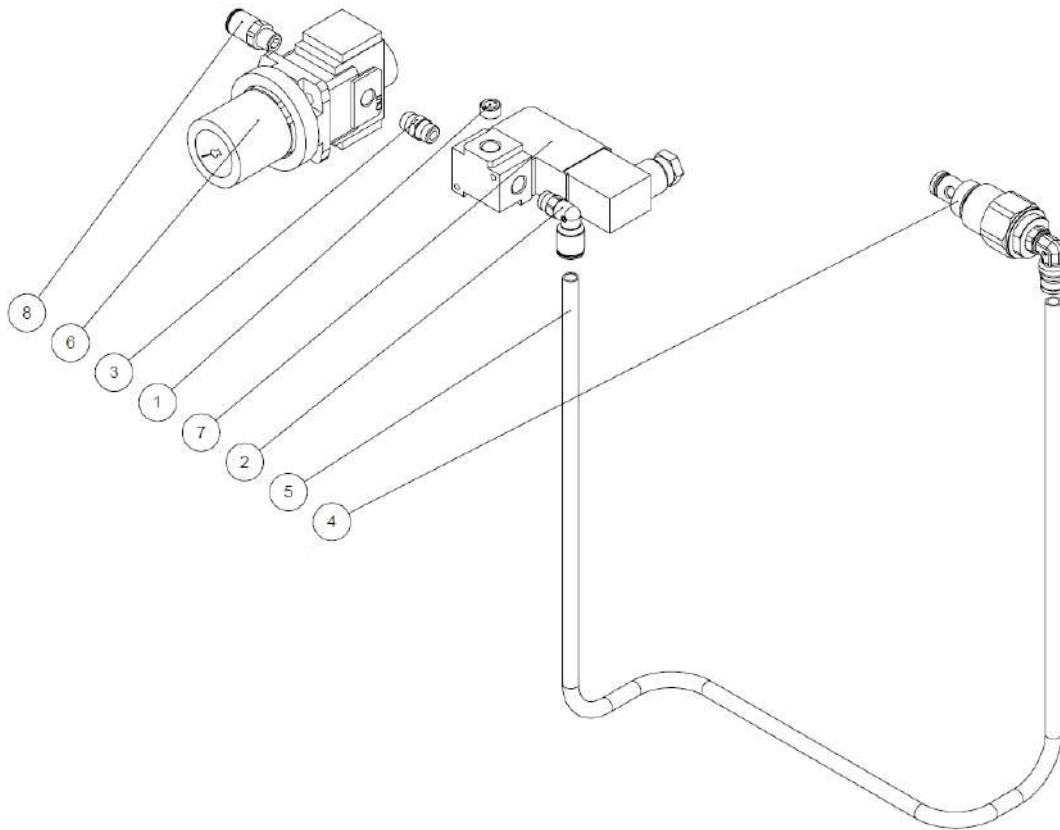


Nº	Descripción	Description	Ref.	Qty
1	RUEDA GIR. C/FRENO Ø80X30 NYLON PERNO 12	SWIVEL WHEEL WITH BRAKE	914XX723	2
2	RUEDA GIR. S/FRENO Ø80X30 NYLON PERNO 12	SWIVEL WHEEL	914XX724	2
3	ARANDELA PLANA M12 INOX.	PLAIN WASHER M12 STAINLESS	915XX008	4
4	ARANDELA GROVER M12 INOX.	GROVER WASHER M12 STAINLESS	917XX515	4
5	TORNILLO HEXAGONAL M12X40	HEX SCREW M12X40 STAINLESS	915XX012	4

Nota: las ruedas con freno deben montarse en la parte frontal del equipo

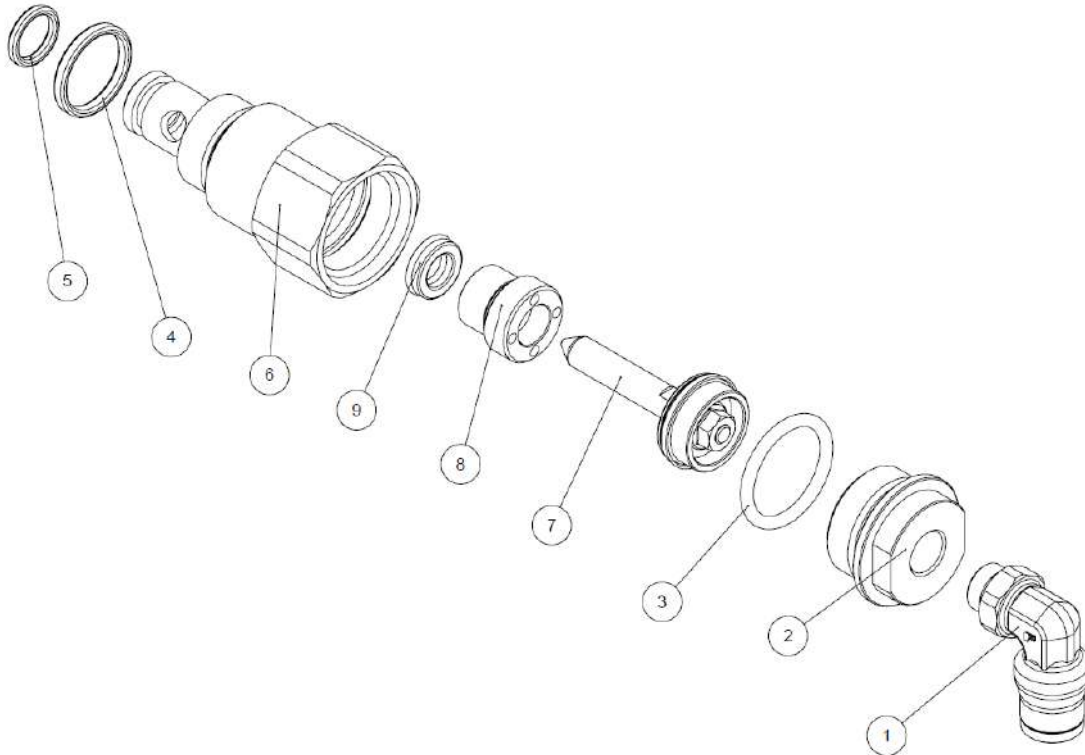
Note: wheels with brake should be assembled on the front side of the equipment

21. REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (917XX971):



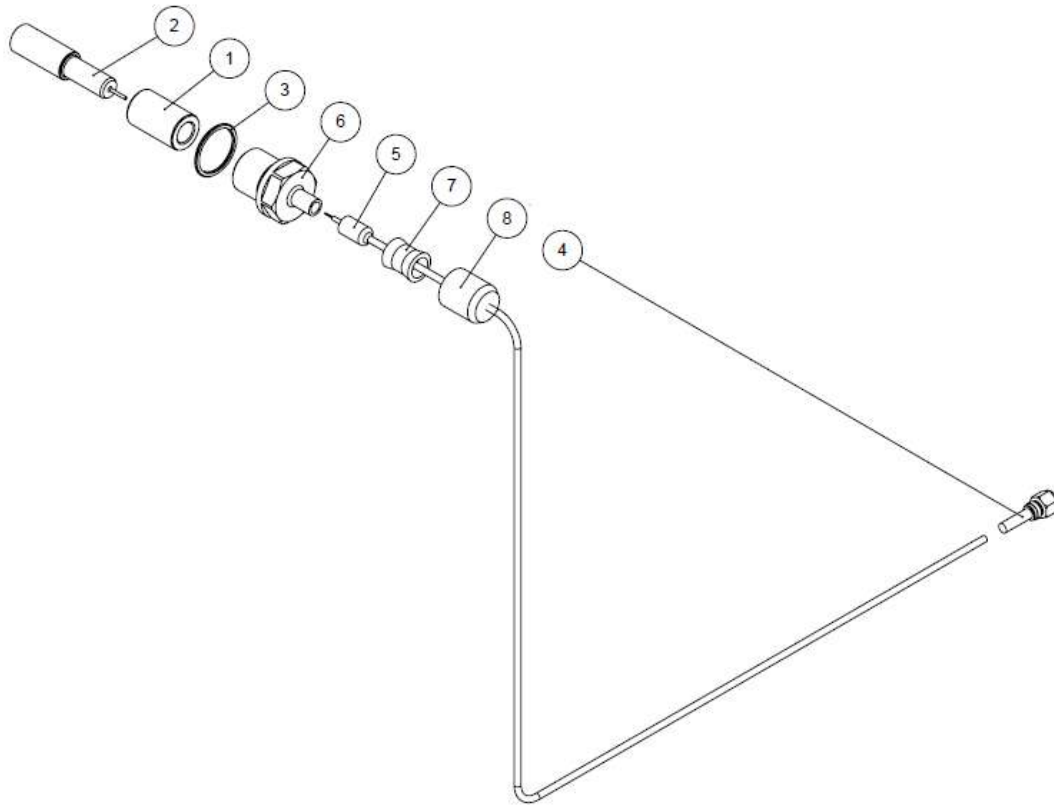
Nº	Descripción	Description	Ref.	Qty
1	SILENCIADOR MINIATURA G1/8-B	G1/8-B SILENCER	917XX598	1
2	RACOR 90º R1/8 / ER8-P	ELBOW FITTING 90º 1/8 T/8 E/R	988XX018	1
3	RACOR RECTO R1/8 / R1/8-B	STRAIGHT FITTING R1/8 / R1/8-B	914XX043	1
4	CONJUNTO REGULADOR DE PRESION NEUMATICO V2	V2 PNEUMATIC PRESSURE REGULATOR ASSEMBLY	Pag 43	1
5	TUBO TEFLON 8X6	8X6 TEFLON PIPE	988XX019	0,8
6	REGULADOR SMC ARG20-F01G1H	SMC ARG20-F01G1H REGULATOR	914XX754	1
7	ELECTROVALVULA SMC 3/2 24VDC	SOLENOID VALVE SMC 3/2 24VDC	917XX285	1
8	RACOR RECTO R1/8 / ER8-BN	STRAIGHT FITTING 1/8 PIPE 8 E/R	988XX017	1

21.1. REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (912XX468):



Nº	Descripción	Description	Ref.	Qty
1	RACOR 90º G1/8 / ER8-BN	FITTING 90º G1/8 / ER8-BN	910XX415	1
2	TAPON REGULADOR DE PRESION	PRESSURE REGULATOR CAP		1
3	JUNTA TORICA VITON 19X2,5	VITON O-RING 19X2,5	911XX742	1
4	JUNTA TORICA VITON 16X2	VITON O-RING 16X2	914XX082	1
5	JUNTA TORICA VITON 9,25X1,78	VITON O-RING 9.25X1.78	916XX209	1
6	CUERPO REGULADOR NEUMATICO V2	V2 PNEUMATIC REGULATOR BODY		1
7	SUBCNJNTO. AGUJA V2 REGULADOR NEUMATICO	PNEUMATIC REGULATOR V2 NEEDLE ASSEMBLY	912XX470	1
8	TORNILLO JUNTA REGULADOR	REGULATOR O-RING SCREW		1
9	JUNTA PARKER POLYPAK SPP 1/4 X 1/2 X 1/8	1/4 X 1/2 X 1/8 SPP POLYPAK PARKER JOINT		1

22. KIT SONDA DE NIVEL FLEXMELT / FLEXMELT LEVEL SENSOR KIT (917XX976).



Nº	Descripción	Description	Ref.	Qty
1	CASQUILLO SONDA DE NIVEL NV10	NV10 LEVEL PROBE BUSHING	-	1
2	BULBO SONDA NIVEL NV10	NV10 LEVEL PROBE BULB	-	1
3	JUNTA TORICA VITON 17X1.5	17X1.5 VITON O-RING	914XX944	1
4	CONECTOR CABLE COAXIAL RG188	RG188 COAXIAL WIRE CONECTOR	-	1
5	CABLE COAXIAL RG316U S=0,204MM2 LONG.: 1050MM	RG316U S=0,0204MM2 COAXIAL WIRE LENGTH 1050MM	-	1
6	RACOR SONDA NIVEL NV10	NV10 LEVEL PROBE FITTING	-	1
7	TERMINAL CILÍNDRICO DE EMPALME 4 AWG	SPLICE 4 AWG CILINDRIC TERMINAL	-	1
8	TAPON SONDA DE NIVEL NV10	NV10 LEVEL PROBE CAP	-	1



DESPIECE / PART LISTING

EQUIPO FLEXMELT 14 - 2 BOMBAS /

FLEXMELT 14 - 2 PUMPS EQUIPMENT



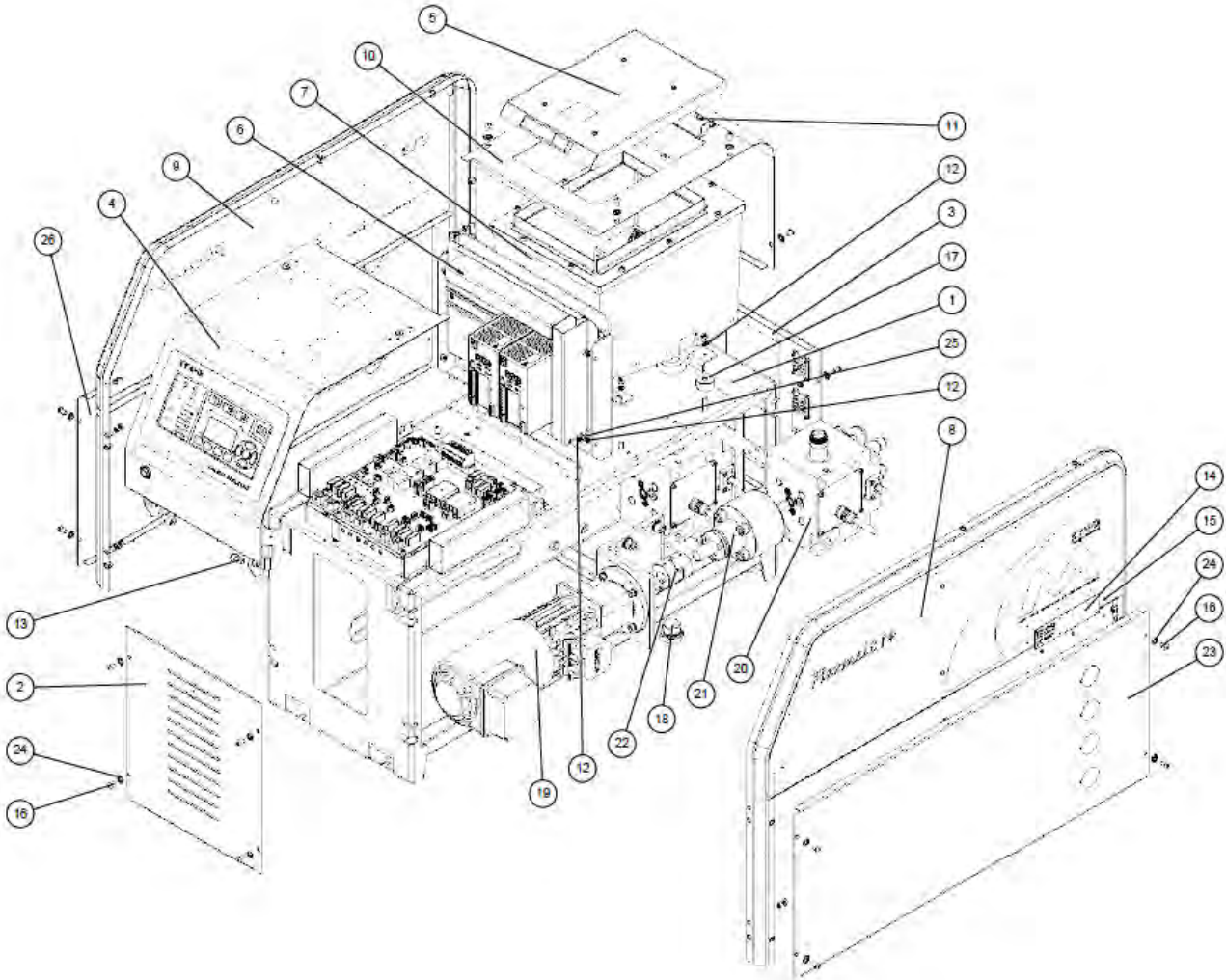
INDICE

1. CONJUNTO ENCOLADOR FLEXMELT 14-2 / FLEXMELT 14-2	
EQUIPMENT ASSEMBLY:	4
2. CONJUNTO BASTIDOR / BASEFRAME ASSEMBLY:	7
3. SUBCONJUNTO CHAPA FRONTAL DELANTERA /FRONT PLATE	
ASSEMBLY:	9
4. SUBCONJUNTO CHAPA CONECTORES / CONNECTORS PLATE	
ASSEMBLY:	10
5. SUBCONJUNTO FRONTAL / FRONT ASSEMBLY	13
6. SUBCONJUNTO TAPA DEPOSITO / TANK LID ASSEMBLY	15
7. SUBCONJUNTO CHAPA BASTIDOR / BASEFRAME SHEET	
ASSEMBLY:	16
IZQUIERA/LEFT	16
8. SUBCONJUNTO TABIQUE TÉRMICO / THERMAL PARTITION	
ASSEMBLY:	17
9. SUBCONJUNTO DEPÓSITO / TANK ASSEMBLY:.....	18
10. SUBCONJUNTO LATERAL DCHO / RIGHT LATERAL ASSEMBLY: .	20
11. SUBCONJUNTO LATERAL IZDO / LEFT LATERAL ASSEMBLY:	20
12. SUBCONJUNTO CHAPA SUPERIOR / TOP PLATE ASSEMBLY:	21
13. SUBCONJUNTO MOTOR / MOTOR ASSEMBLY:	22
14. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE /	
FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY	23
14.1 KIT MONTAJE DISTRIBUIDOR 2 SALIDAS FLEXMELT BOMBA	
SIMPLE / 2 OUTPUT FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY	
KIT	24
15. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA DOBLE / FLEXMELT	
DOUBLE PUMP MANIFOLD ASSEMBLY	25
15.1 KIT MONTAJE DISTRIBUIDOR FLEXMELT BOMBA DOBLE /	
FLEXMELT DOUBLE PUMP MANIFOLD ASSEMBLY KIT.....	26



16. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE 6 SALIDAS / FLEXMELT SIMPLE PUMP 6 OUTPOUTS MANIFOLD ASSEMBLY	27
16.1 KIT MONTAJE DISTRIBUIDOR 6 SALIDAS FLEXMELT BOMBA SIMPLE / 6 OUTPUTS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT	28
16.1.1 CONJUNTO FILTRO EC/K / EC/K FILTER ASSEMBLY (916XX757).	29
17. KIT BOMBA ENGRANAJE SIMPLE / SIMPLE GEAR PUMP KIT	30
18. KIT BOMBA ENGRANAJE DOBLE / DOUBLE GEAR PUMP KIT	31
19. KIT DE RUEDAS FLEXMELT / FLEXMELT WHEEL KIT:	32
20. REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (917XX971):..	33
20.1 REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (912XX468):....	34
21. KIT SONDA DE NIVEL FLEXMELT / FLEXMELT LEVEL SENSOR KIT (988XX810)	35

**1. CONJUNTO ENCOLADOR FLEXMELT 14-2 / FLEXMELT 14-2
EQUIPMENT ASSEMBLY:**



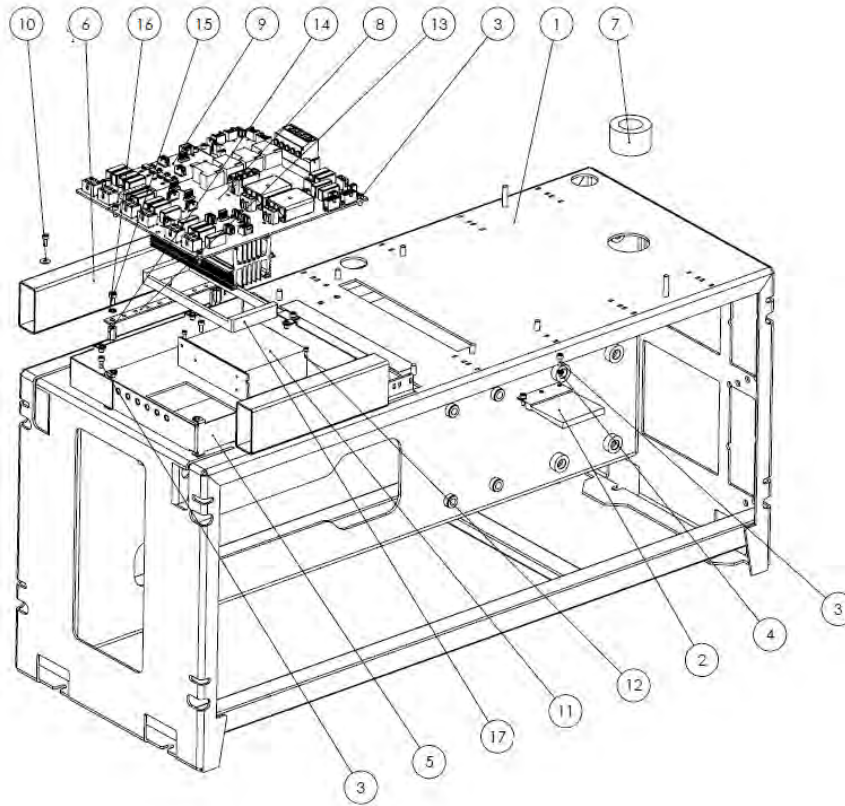
Nº	Descripción	Description	Ref.	Ref.	Qty
1	CONJUNTO BASTIDOR FLEXMELT 2 BOMBAS	2 PUMPS FM BASEFRAME ASSEMBLY	Page 7		1
2	SUBCJTO. CHAPA FRONTAL DEL. FLEXMELT 2 B	FM 2 PUMPS FRONT PLATE ASSEMBLY	Page 9		1
3	SUBCTO. CHAPA CONECTORES FLEXMELT 2B- 6S	FM CONNECTORS SHEET ASSEMBLY	Page 10		1
4	SUBCTO. FONTAL FLEXMELT 14-2 BOMBAS	FM 14-2 PUMPS FRONT ASSEMBLY	Page 13		1
5	SUBCJTO. TAPA DEPOSITO FLEXMELT 8/14/30	FM8/14/30TANK LID ASSEMBLY	Page 15		1
6	SUBJTO. TAB. TERMICO FLEXMELT 14-2 / 1 B	FM14-2 1P THERMAL PARTITION ASSEMBLY	Page 17		1
7	SUBCONJUNTO DEPOSITO FLEXMELT 14-1/2 B	FM14-2 TANK ASSEMBLY	Page 18		1
8	SUBCJTO. LATERAL DCHO. FLEXMELT 14	FM14 RIGHT LATERAL ASSEMBLY	Page 20		1
9	SUBCJTO. LATERAL IZDO. FLEXMELT 14	FM14 LEFT LATERAL ASSEMBLY	Page 20		1
10	SUBCJTO. CHAPA SUPERIOR FLEXMELT 14 - 2	FM14-2 TOP PLATE ASSEMBLY	Page 21		1
11	TORNILLO ALLEN M5X10 INOX.	ALLEN SCREW M5X10 STAINLESS	910XX968		2
12	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131		18
13	TORNILLO ALLEN M8X15 INOX.	ALLEN SCREW M8X15 INOX	914XX067		2
14	CHAPA MATRICULA	IDENTIFICATION SHEET	917XX326		1
15	REMACHES POP 2,4X5,1 (MANG.)	2,4X5,1 POP RIVET	915XX249		6
16	BHCS,M6 X 10.0 LG,S.S.	BHCS,M6 X 10.0 LG,S.S.	784XX491		22
17	AISLANTE PATA DEPOSITO	TANK LEG INSULATOR	910XX072		2
18	TAPON M30X1.5 CON JUNTA JUNTA TORICA VITON 26X2	SCREW CAP M30X1,5 WITH O-RING VITON O-RING Ø26X2	914XX177	911XX428	1 1
19	SUBCONJUNTO MOTOR FLEXMELT	FLEXMELT MOTOR ASSEMBLY	Page 22		1 or 2
20	CONJUNTO DISTRIBUIDOR	MANIFOLD ASSEMBLY	Page 23		1 or 2
21	KIT BOMBA ENGRANAJES	GEAR PUMP KIT	Depending model		1 or 2
22	ACOPLAMIENTO	COUPLING	Depending model		1 or 2
23	SUBCONJUNTO CHAPA BASTIDOR FLEXMELT DERECHA	RIGH FM BASEFRAME PLATE ASSEMBLY	Page 16		1
24	ARANDELA TORNILLO CAUTIVO	CAPTIVE SCREW WASHER	914XX378		22
25	TUERCA HEXAGONAL M6 INOX	HEXAGONAL NUT M6 STAINLESS	910XX195		18
26	SUBCONJUNTO CHAPA BASTIDOR FLEXMELT IZQUIERDA	LEFT FM BASEFRAME PLATE ASSEMBLY	Page 16		1

Nº	Qty	
	14-1 P	14-2 P
32	1	2
33	1	2
34	1	2
35	1	2

SIMPLE PUMP			
<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>
33	SUBCJTO. DISTRIBUIDOR B/SIMPLE FLEXMELT	FM SIMPLE PUMP MANIFOLD ASSEMBLY	Page 23
34	KIT BOMBA ENGRANAJES SIMPLE	SIMPLE GEAR PUMP KIT	Page 31
35	ACOPLAMIENTO Ø20-Ø12	Ø20-Ø12 COUPLING	914XX644

DOUBLE PUMP			
<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>
33	SUBCJTO. DISTRIBUIDOR B/DOBLE FLEXMELT	FM DOUBLE PUMP MANIFOLD ASSEMBLY	Page 25
34	KIT BOMBA ENGRANAJES DOBLE	DOUBLE GEAR PUMP KIT	Page 32
35	ACOPLAMIENTO Ø20-Ø20	Ø20-Ø20 COUPLING	914XX645

2. CONJUNTO BASTIDOR / BASEFRAME ASSEMBLY:

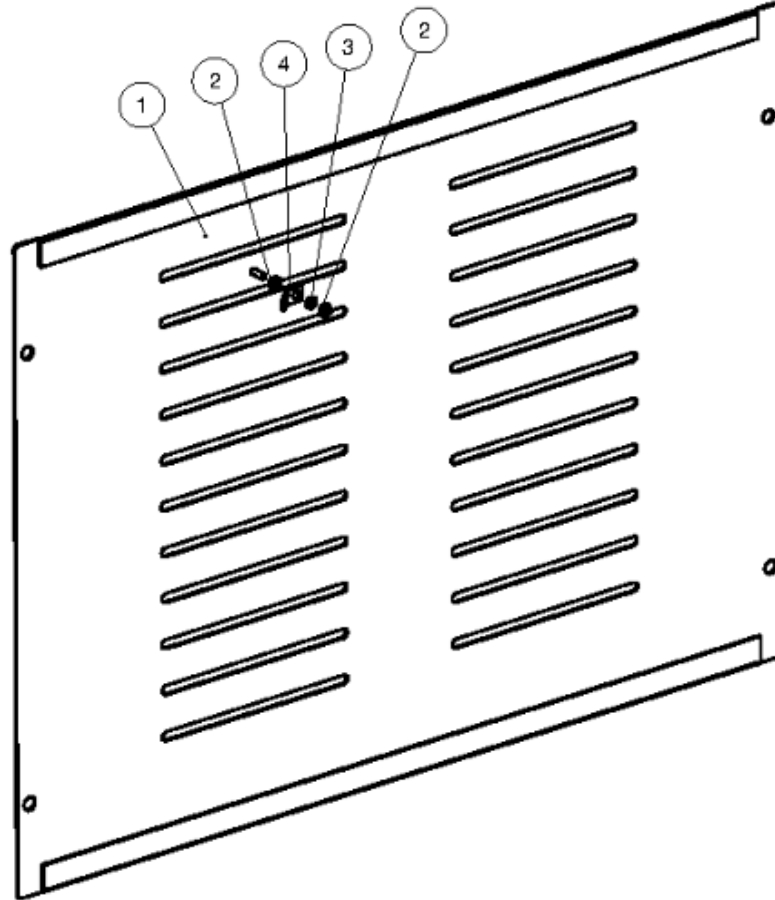


Nº	Descripción	Description	Ref.	Ref.	Qty
1	BASTIDOR FLEXMELT 2 BOMBAS	2 PUMPS FM BASEFRAME	914XX640		1
2	CEPILLO PASO CABLES BASTIDOR FLEXMELT 2 BOMBAS	FLEXMELT 2 PUMPS BASEFRAME BRUSH	914XX643		2
3	TORNILLO ALLEN M4X10 INOX.	STAINLESS M4X10 ALLEN SCREW	910XX129		21
4	ARANDELA GROVER M4 INOX.	STAINLESS M4 GROVER WASHER	910XX332		4
5	PROTECCION TRASERA TARJETA	BOARD REAR PROTECTION	914XX641		1
6	CANALETA RANURADA 30X60 LONG.: 210MM.	210MM LENGTH 30X60 SLOTTED DUCT	-		2
7	TUBO FOAM NEGRO SILICONA D20 LONGITUD 30MM.	30MM LENTH D20 BLACK TUBE FOAM	-		1
8	PCB ASSY, 12 ZONE POWER BOARD 2 TANK / 2 PUMP	PCB ASSY, 12 ZONE POWER BOARD 2 TANK / 2 PUMP	Depending model		1
9	PCB ASSY, 5/6 ZONE OPTION BOARD	PCB ASSY, 5/6 ZONE OPTION BOARD	Deending model		1
10	ARANDELA PLANA 4.3X12.4 INOX.	STAINLESS 4.3X12.4 FLATE WASHER	915XX201		4
11	FUENTE ALIMENTACION 75W 24VDC PROTEC	75W 24VDC PROTECTION POWER SUPPLY	918XX643		1
12	TORNILLO ALLEN M3X10 INOX.	STAINLESS M3X10 ALLEN SCREW	910XX084		2
13	REGLETA TOMA DE TIERRA.	GROUND CONNECTION TERMINAL	913XX793		1
14	DISTANCIAL HEXAGONAL M5X15	M5X15 HEXAGONAL DISTANTIAL	913XX794		2
15	TORNILLO ALLEN M5X10 INOX.	STAINLESS M5X10 ALLEN SCREW	910XX968		2
16	ARANDELA GROVER 5 INOX.	STAINLESS M5 WASHER	910XX085		2
17	JUNTA RADIADOR TARJETA POTENCIA EC	RADIATOR JOINT EC POWER BOARD	912XX166		1

Nº.	Ni 120	PT100
8	151XX680	151XX679

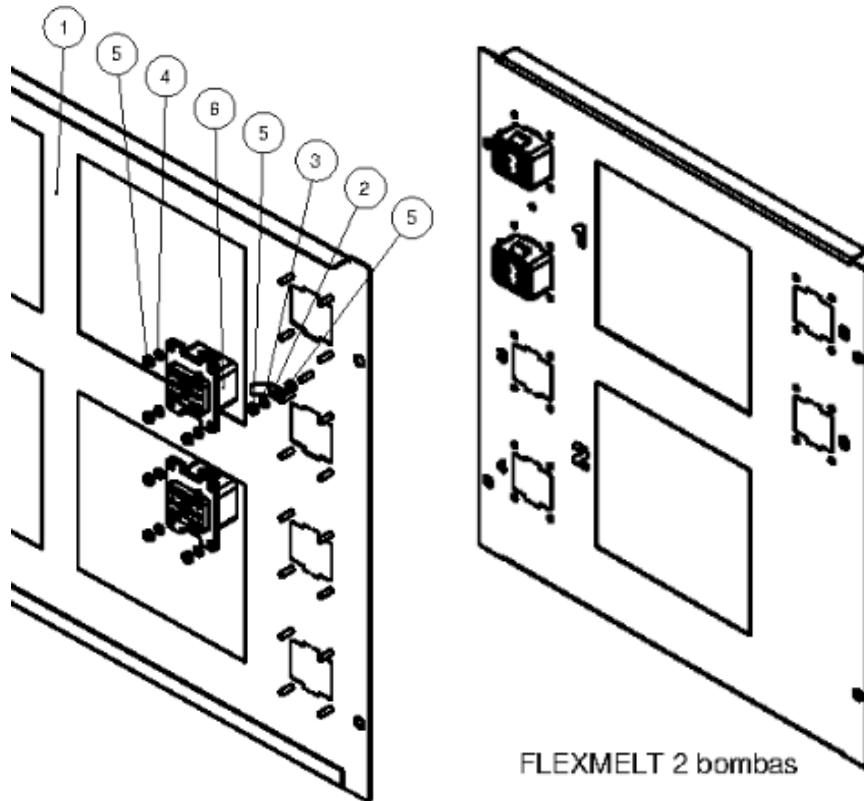
Nº.	2-4S	6S
9	CHAPA SUSTITUCION TARJETA 6S / 6 OUTPUTS BOARD SUBSTITUTION PLATE	PCB ASSY, 5/6 ZONE OPTION BOARD
	918XX642	151XX649

3. SUBCONJUNTO CHAPA FRONTAL DELANTERA /FRONT PLATE ASSEMBLY:



Nº	Descripción	Description	Ref.	Qty
1	CHAPA FRONTAL DELANT. FLEXMELT 2 BOMBAS	FM 2 PUMPS FRONT SHEET	914XX646	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1

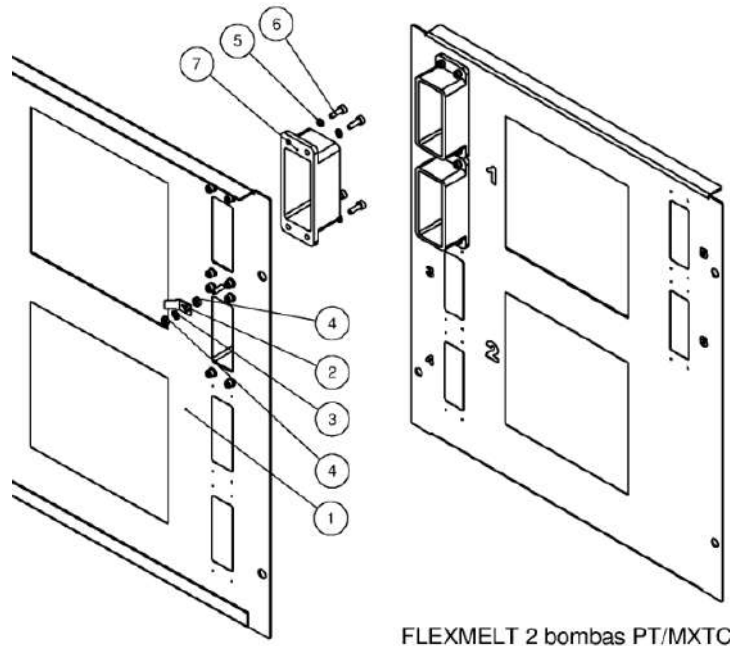
**4. SUBCONJUNTO CHAPA CONECTORES / CONNECTORS PLATE ASSEMBLY:
NI120**



Nº	Descripción	Description	Ref.	Qty
1	CHAPA CONECTORES FLEXMELT 2 BOMBAS	FM 2 PUMPS CONNECTORS SHEET	914XX647	1
2	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	dependingmodel
5	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	dependingmodel
6	MAZO MANGUERA-PISTOLA	GUN-HOSE WIRING HARNESS	dependingmodel	dependingmodel

	2 SALIDAS	4 SALIDAS	6 SALIDAS	8 SALIDAS
4	8	16	24	32
5	10	18	26	34
6	2	4	6	8

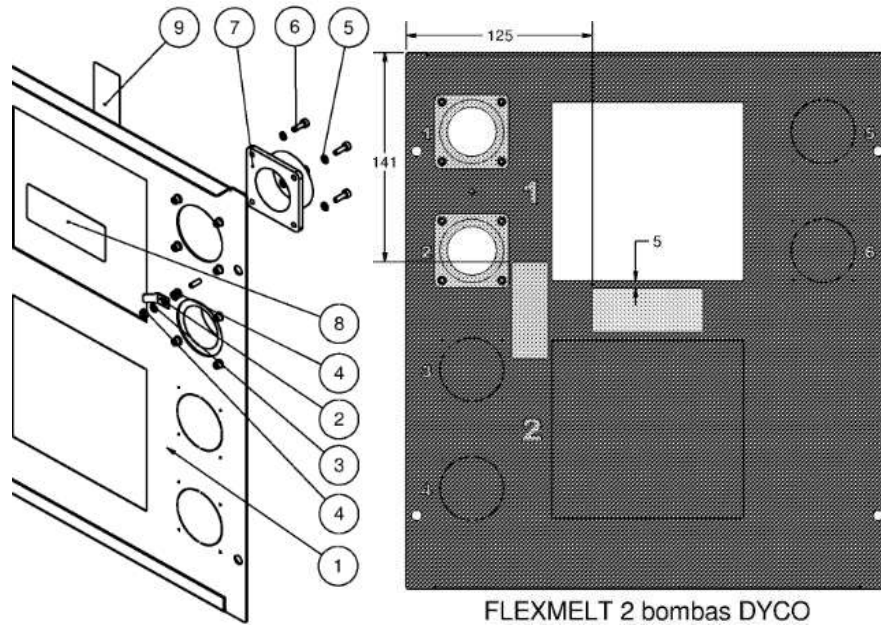
PT/MXTC



Nº	Descripción	Description	Ref.	Qty
1	CHAPA CONECTORES FLEXMELT 2 BOM. PT/MXTC	FM 2P PT/MXTC CONNECTORS SHEET	914XX740	1
2	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
5	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	dependingmodel
6	TORNILLO ALLEN M3X10 INOX	ALLEN SCREW M3X10 STAINLESS	910XX084	dependingmodel
7	MAZO MANGUERA PISTOLA FM PT/MXTC	HOSE GUN WIRING HARNESS PT/MXTC	dependingmodel	dependingmodel
8	TUERCA REMACHABLE M3 C/AVELLANADA	COUNTERSUNK BLIND RIVET NUT	914XX739	dependingmodel

	2 SALIDAS	4 SALIDAS	6 SALIDAS	8 SALIDAS
5				
6	8	16	24	32
7	2	4	6	8
8	8	16	24	32

DYCO

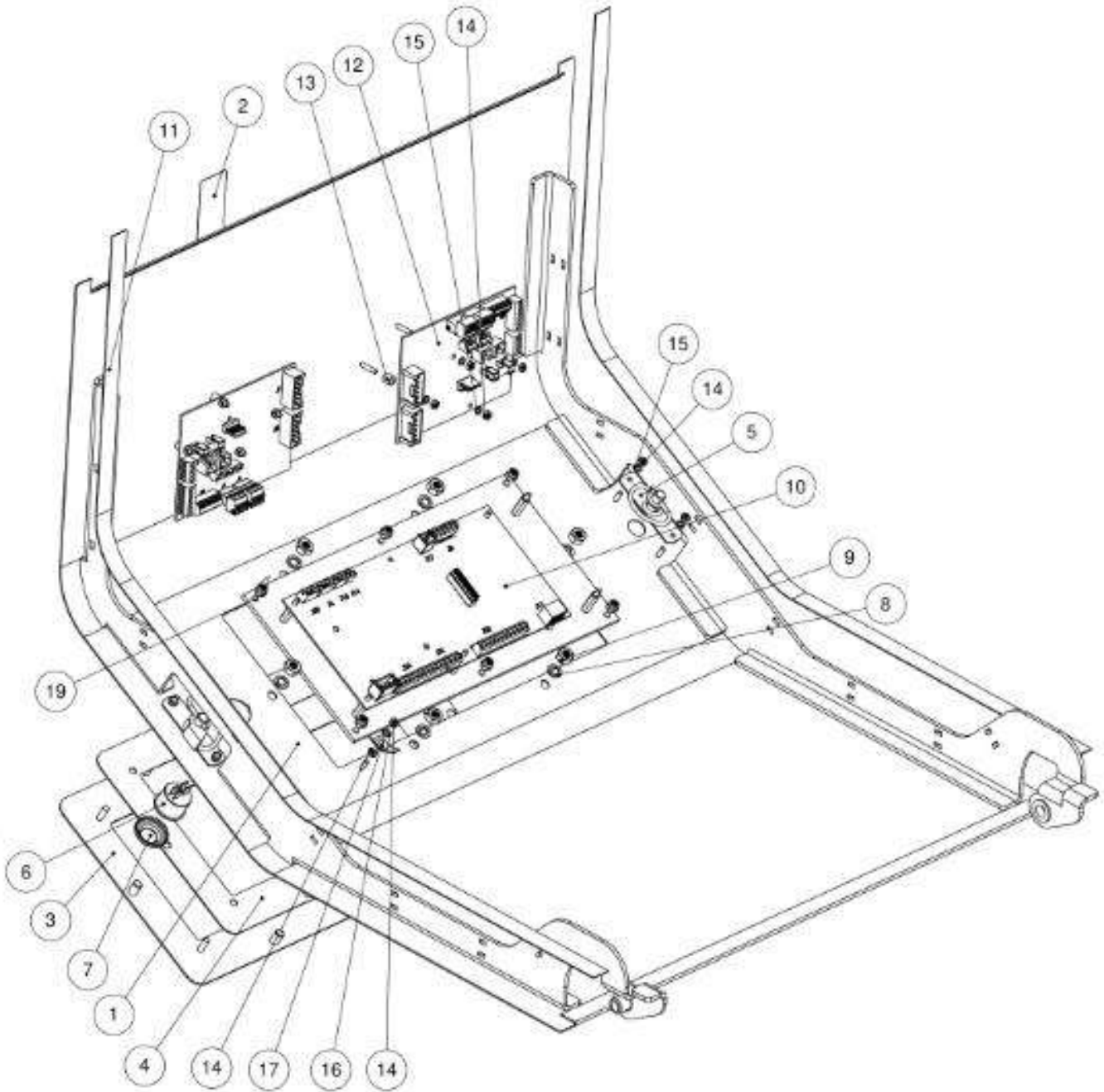


FLEXMELT 2 bombas DYCO

Nº	Descripción	Description	Ref.	Qty
1	CHAPA CONECTORES FLEXMELT 2 BOMBAS DYCO	FLEXMELT 2 PUMPS DYCO CONNECTORS PLATE	913XX246	1
2	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
5	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	dependingmode
6	TORNILLO ALLEN M3X10 INOX	ALLEN SCREW M3X10 STAINLESS	910XX084	dependingmode
7	MAZO CABLES	WIRING HARNESS	dependingmode 	dependingmode
8	PEGATINA ALTA TEMPERATURA FLEXMELT	FLEXMELT HIGH TEMPERATURE RISK BUMPER	913XX124	1
9	PEGATINA RIESGO ELECTRICO	ELECTRIC RISK BUMPER	917XX266	1
	TUERCA REMACHABLE M3 C/AVELLANADA	M3 COUNTERSUNK BLIND RIVET NUT	914XX739	

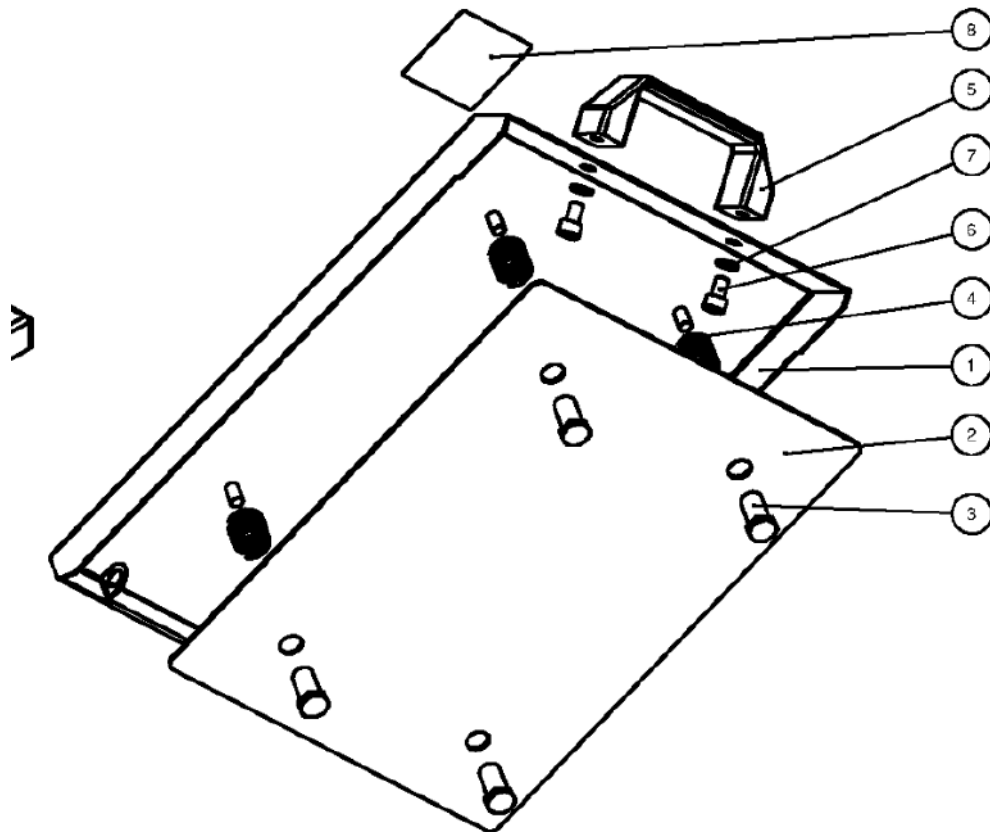
Nº	2S	4S	6S	8S
5	8	16	24	32
6				
7	2	4	6	8

5. SUBCONJUNTO FRONTAL / FRONT ASSEMBLY



<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>	<i>Qty</i>
1	FRONTAL FLEXMELT 14-2	FLEXMELT 14-2 FRONT PLATE	914XX714	1
2	PEGATINA RIESGO ELECTRICO	ELECTRIC RISK BUMPER	917XX266	1
3	MARCO TARJETA CONTROL PROVISIONAL	CONTROL BOARD FRAME	918XX814	1
4	JUNTA MARCO GRANDE	BIG FRAME JOINT	914XX506	1
5	CIERRE DE PRESION SOUTHCO 57-10-811-10	SOUTHCO PRESSURE CLOSING	914XX649	2
6	INTERRUPTOR REDONDO 2 POLOS	BIPOLAR ROUND SWITCH	918XX637	1
7	PROTECCION INTERRUPTOR 2 POLOS	BIPOLAR SWITCH PROTECTION	918XX638	1
8	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	6
9	TUERCA HEXAGONAL M6 INOX	HEXAGONAL NUT M6 STAINLESS	910XX195	6
10	OVERLAY ASSY, UTC20, 6 HOSE	OVERLAY ASSY, UTC20, 6 HOSE	137XX025	1
11	ROLLO JUNTA EURO-FOAM 150	EURO-FOAM JOINT	913XX244	1
12	PCB, ASSEMBLY, DUAL VFD	PCB, ASSEMBLY, DUAL VFD	151XX685	1
13	SPACER, #6 X 1/4"	SPACER, #6 X 1/4"	091XX417	4
14	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	10
15	ARANDELA GROWER M3 INOX.	GROVER WASHER M3 STAINLESS	910XX328	8
16	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
17	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
18	PEGATINA CONEXIONES ELECTRICAS	ELECTRIC CONNECTIONS STICKER	913XX245	1
19	TUERCA HEX. AUTOBLOCANTE M4 DIN 985	M4 DIN 985 SELF-LOCKING HEX NUT	912XX441	6

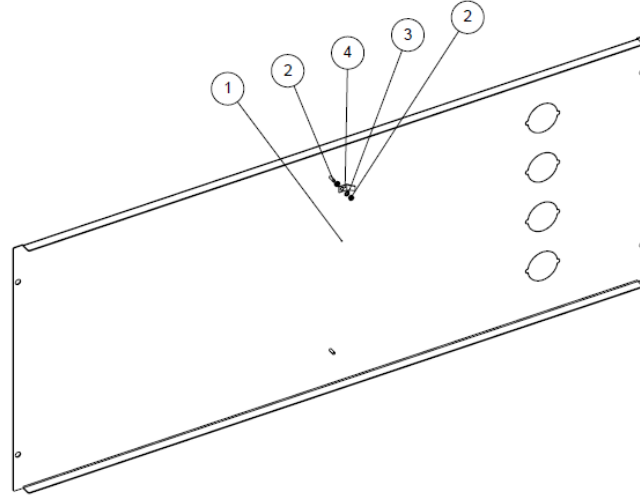
6. SUBCONJUNTO TAPA DEPOSITO / TANK LID ASSEMBLY



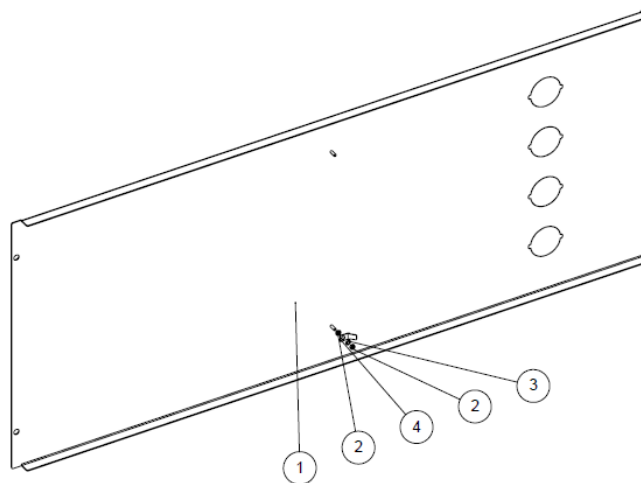
Nº	Descripción	Description	Ref.	Qty
1	TAPA DEPOSITO FLEXMELT 8 / 14 / 30	FM8/14/30TANK LID	914XX650	1
2	CONTRATAPA DEPOSITO FLEXMELT 8 / 14 / 30	FM8/14/30 BACK LID	914XX651	1
3	TUERCA CONTRATAPA	INSIDE TANK COVER NUT	911XX409	4
4	MUELLE TAPA DEPOSITO	TANK COVER SPRING	915XX546	4
5	ASA PEQUEÑA NEGRA CIEGA	LITTLE HANDLER	917XX338	1
6	TORNILLO ALLEN M6X10 INOX.	ALLEN SCREW M6X10 STAINLESS	915XX082	2
7	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	2
8	PEGATINA RIESGO ALTA TEMPERATURA	HIGH TEMPERATURE RISK BUMPER	917XX212	1

7. SUBCONJUNTO CHAPA BASTIDOR / BASEFRAME SHEET ASSEMBLY:

IZQUIERA/LEFT

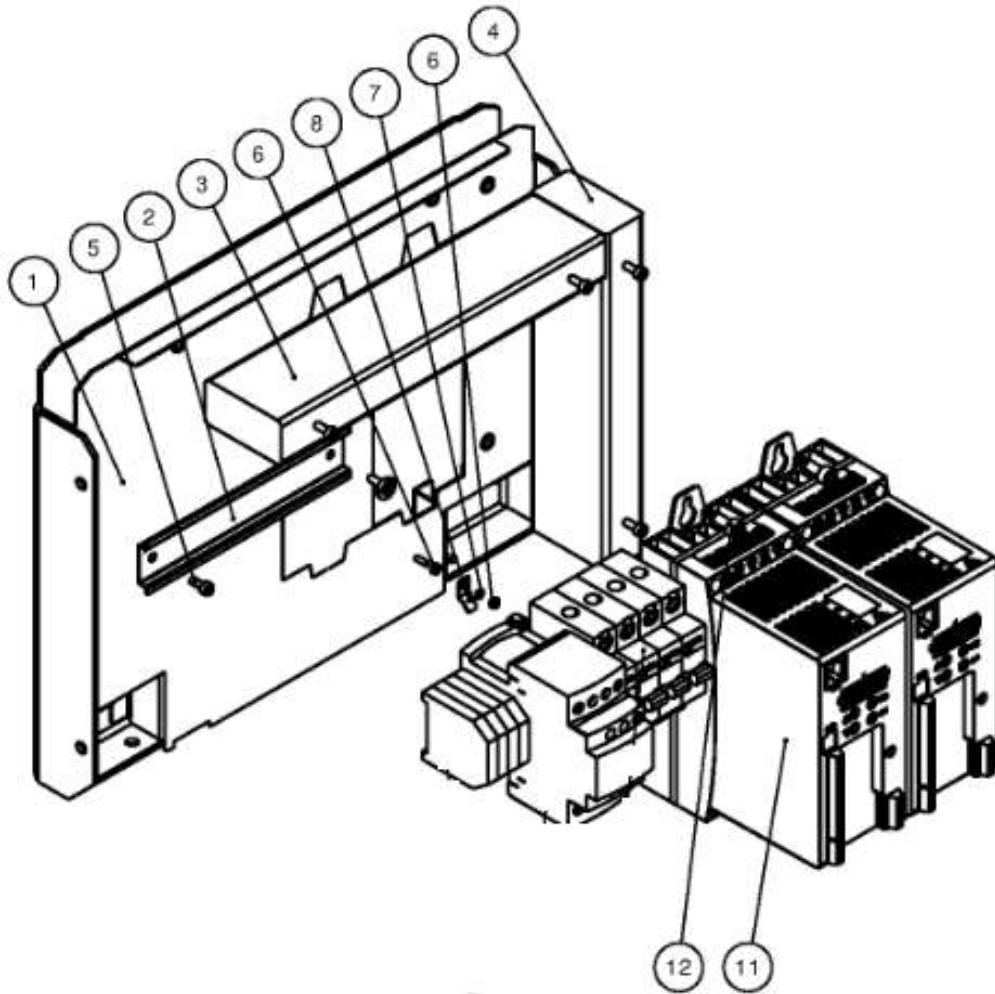


DERECHA/RIGHT



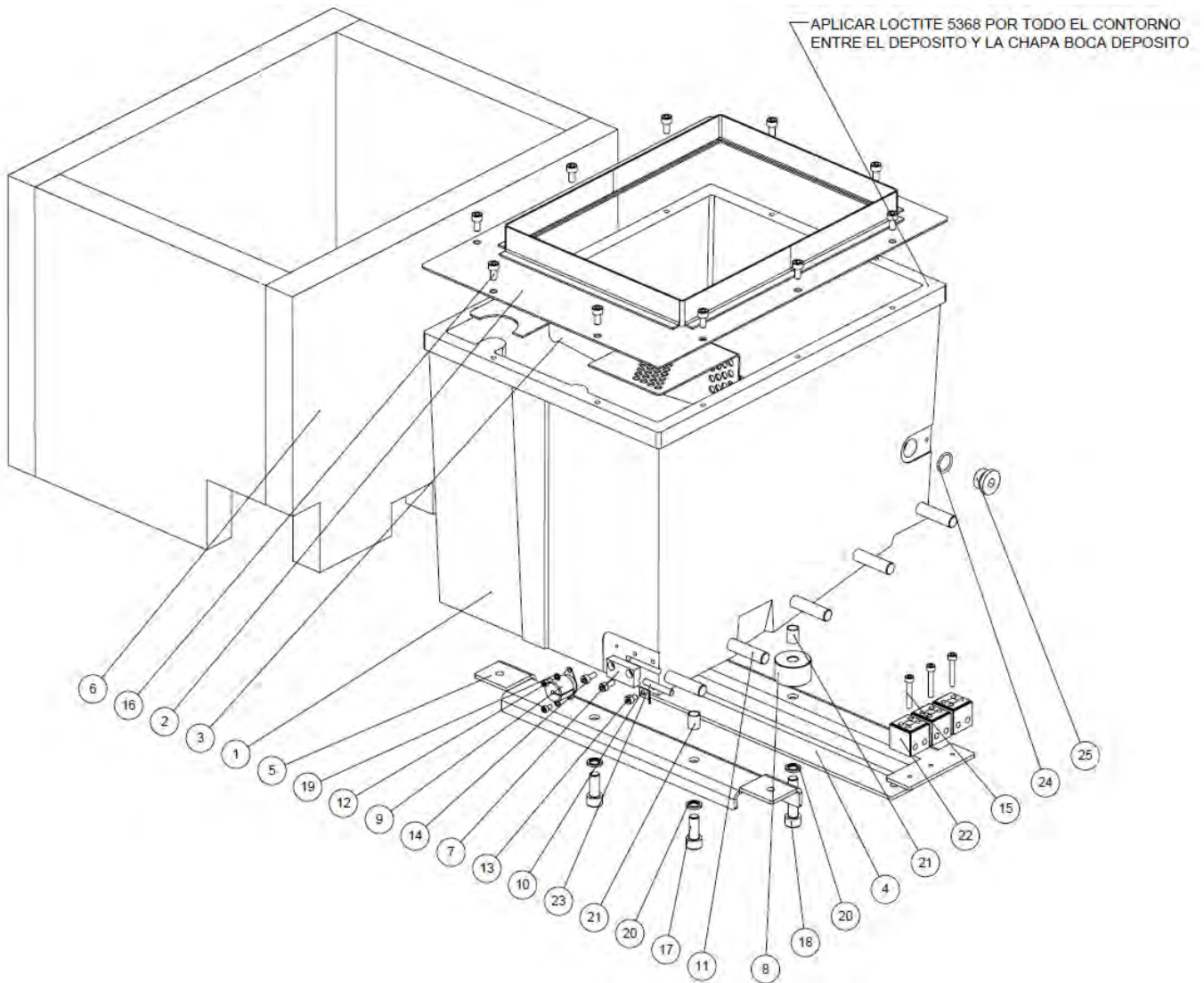
<i>Nº</i>	<i>Descripción</i>	<i>Description</i>	<i>Ref.</i>	<i>Qty</i>
1	CHAPA BASTIDOR FLEXMELT	FLEXMELT BASEFRAME SHEET	914XX652	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1

8. SUBCONJUNTO TABIQUE TÉRMICO / THERMAL PARTITION ASSEMBLY:



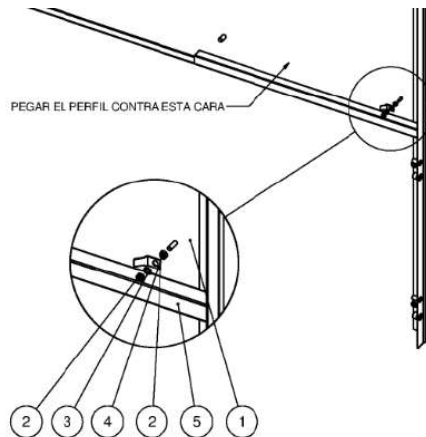
Nº	Descripción	Description	Ref.	Qty
1	TABIQUE TERMICO FLEXMELT 14 - 2 BOMBAS	FLEXMELT 14-2 THERMAL PARTITION	914XX715	1
2	CARRIL 170	170 RAIL	914XX716	2
3	CANALETA RANURADA 30X60 (METROS)	SLOTTED ELECTRICAL CONDUIT	914XX674	0,255
4	CANALETA RANURADA 30X60 (METROS)	SLOTTED ELECTRICAL CONDUIT	914XX674	0,23
5	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	6
6	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
7	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
8	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
11	VARIADOR LENZE 8400 BASELINE D	LENZE 8400 BASELINE D FREQUENCY CONVERTER	914XX667	1
12	TORNILLO ALLEN M6X12 INOX.	ALLEN SCREW M6X12 STAINLESS	910XX089	2

9. SUBCONJUNTO DEPÓSITO / TANK ASSEMBLY:



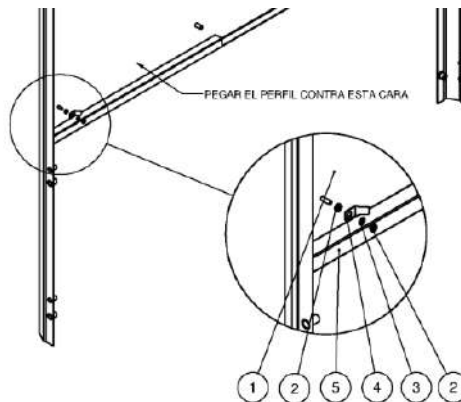
Nº	Descripción	Description	Ref.	Qty
1	DEPOSITO 14KG FLEXMELT 2 BOMBAS	FM14 2 PUMPS TANK	914XX717	1
2	CHAPA BOCA DEPOSITO FLEXMELT 14	FM14 TANK MOUTH SHEET	914XX718	1
3	REJILLA DEPOSITO FLEXMELT 14	FM14 TANK GRID	914XX722	1
4	SOPORTE PATA DELANTERA DEPOSITO	TANK FRONT LEG SUPPORT	914XX657	1
5	SOPORTE PATA TRASERA DEPOSITO	TANK REAR LEG SUPPORT	914XX656	1
6	KIT AISLAMIENTO DEPOSITO FLEXMELT 14	FM TANK INSULATION KIT	914XX672	1
7	BRIDA Sonda C	C PROBE BRIDLE	914XX169	1
8	AISLANTE PATA DEPOSITO	TANK LEG INSULATOR	910XX072	1
9	MAZO TERMOSTATO	THERMOSTAT WIRING HARNESS	915XX585	1
10	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
11	RESISTENCIA 10X220 800W	CARTRIDGE HEATER 10X220 800W	911XX144	5
12	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132	2
13	TORNILLO ALLEN M4X6 INOX.	ALLEN SCREW M4X6 STAINLESS	910XX004	1
14	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129	2
15	TORNILLO ALLEN M4X25 INOX.	ALLEN SCREW M4X25 INOX	917XX407	3
16	TORNILLO ALLEN M5X10 INOX.	ALLEN SCREW M5X10 STAINLESS	910XX968	10
17	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190	2
18	TORNILLO ALLEN M8X35 INOX.	ALLEN SCREW M8X35 STAINLESS	915XX238	1
19	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	2
20	ARANDELA GROWER M8 INOX.	M8 GROVER WASHER STAINLESS	910XX135	3
21	HELICOIL M8X12	M8X12 HELICOIL	915XX173	3
22	REGLETA CERAMICA 20A BIPOLAR	20A BIPOLAR CERAMIC CONECTOR	910XX390	3
23	SONDA TEMPERATURA	TEMPERATURE PROBE	dependingmodel	1
24	JUNTA TORICA VITON 14X1,78	VITON O-RING Ø14X1,78	913XX685	1
25	TAPON HEXAGONAL INTERIOR 3/8" BSP CON JUNTA TÓRICA	PLUG 3/8" BSP W/ VITON O'RING	913XX022	1

10.SUBCONJUNTO LATERAL DCHO / RIGHT LATERAL ASSEMBLY:



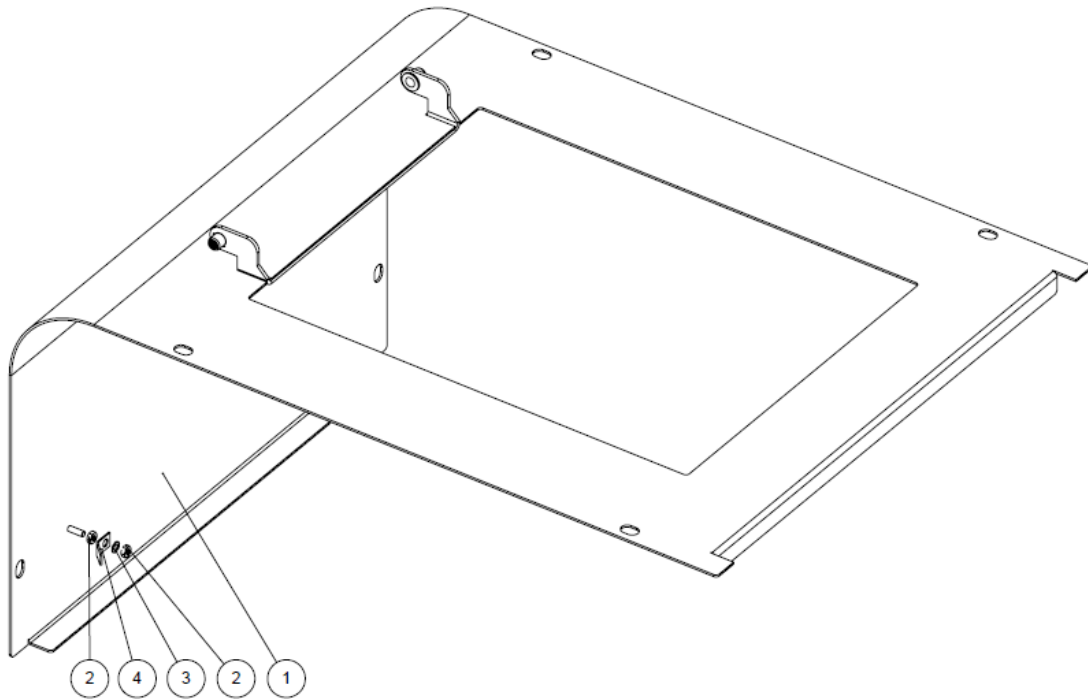
Nº	Descripción	Description	Ref.	Qty
1	LATERAL DCHO. FLEXMELT 14	FLEXMELT 14 RIGHT LATERAL	914XX719	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
5	PERFIL ESPONJOSO	FOAMY PROFILE	913XX242	1

11.SUBCONJUNTO LATERAL IZDO / LEFT LATERAL ASSEMBLY:



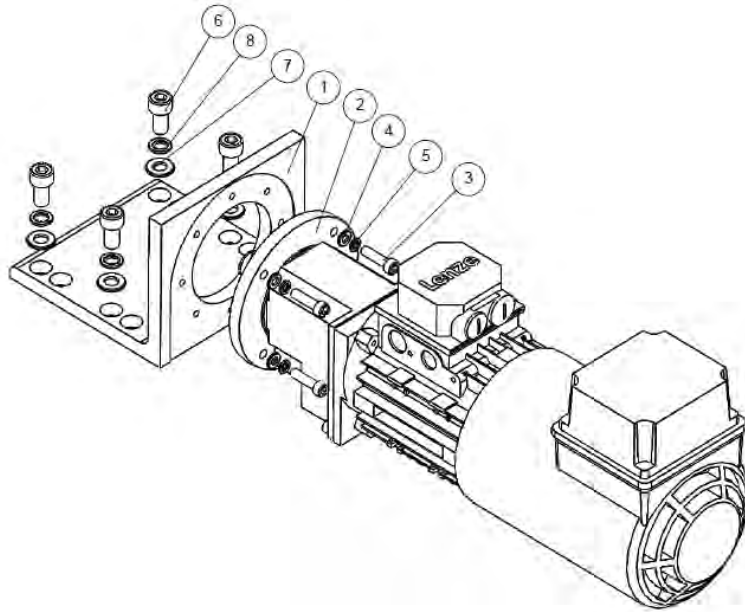
Nº	Descripción	Description	Ref.	Qty
1	LATERAL IZDO. FLEXMELT14	FLEXMELT 14 LEFT LATERAL	914XX720	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1
5	PERFIL ESPONJOSO	FOAMY PROFILE	913XX242	1

12.SUBCONJUNTO CHAPA SUPERIOR / TOP PLATE ASSEMBLY:

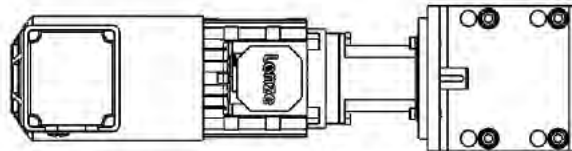
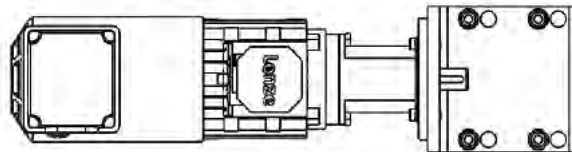


Nº	Descripción	Description	Ref.	Qty
1	CHAPA SUPERIOR FLEXMELT 14 - 2 BOMBAS	FM14-2 PUMPS TOP PLATE	914XX721	1
2	TUERCA HEXAGONAL M3 INOX.	HEXAGONAL NUT M3 STAINLESS	914XX982	2
3	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397	1
4	TERMINAL FASTON M-PANEL	FASTON M-PANEL TERMINAL	915XX158	1

13.SUBCONJUNTO MOTOR / MOTOR ASSEMBLY:



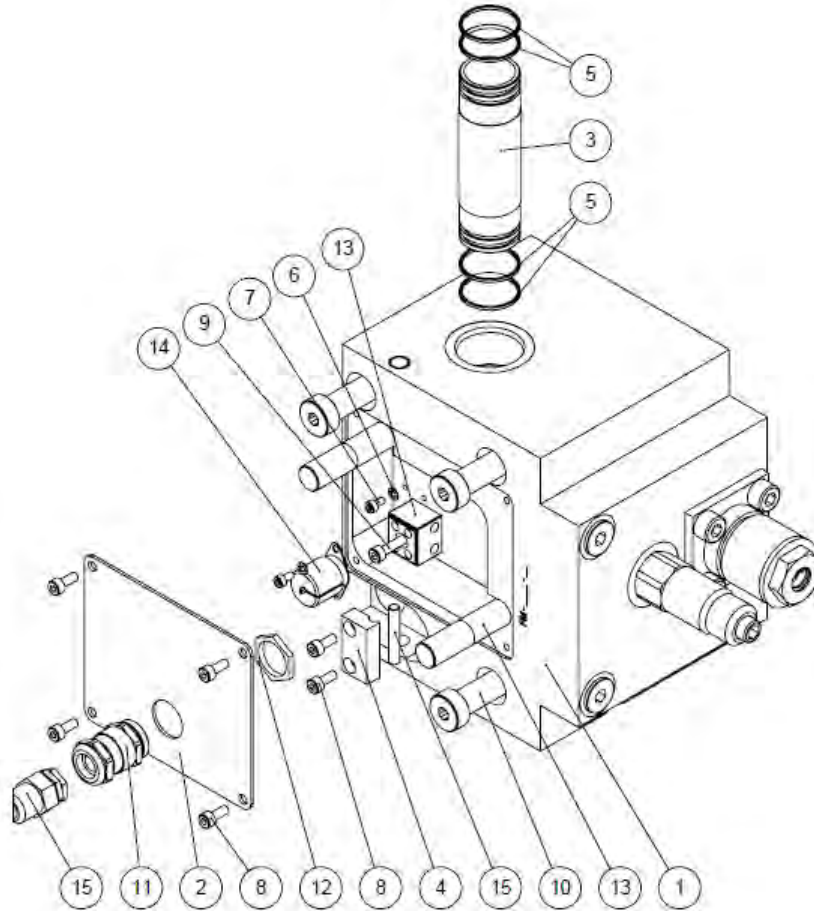
MONTAJE PARA BOMBA SIMPLE



MONTAJE PARA BOMBA DOBLE

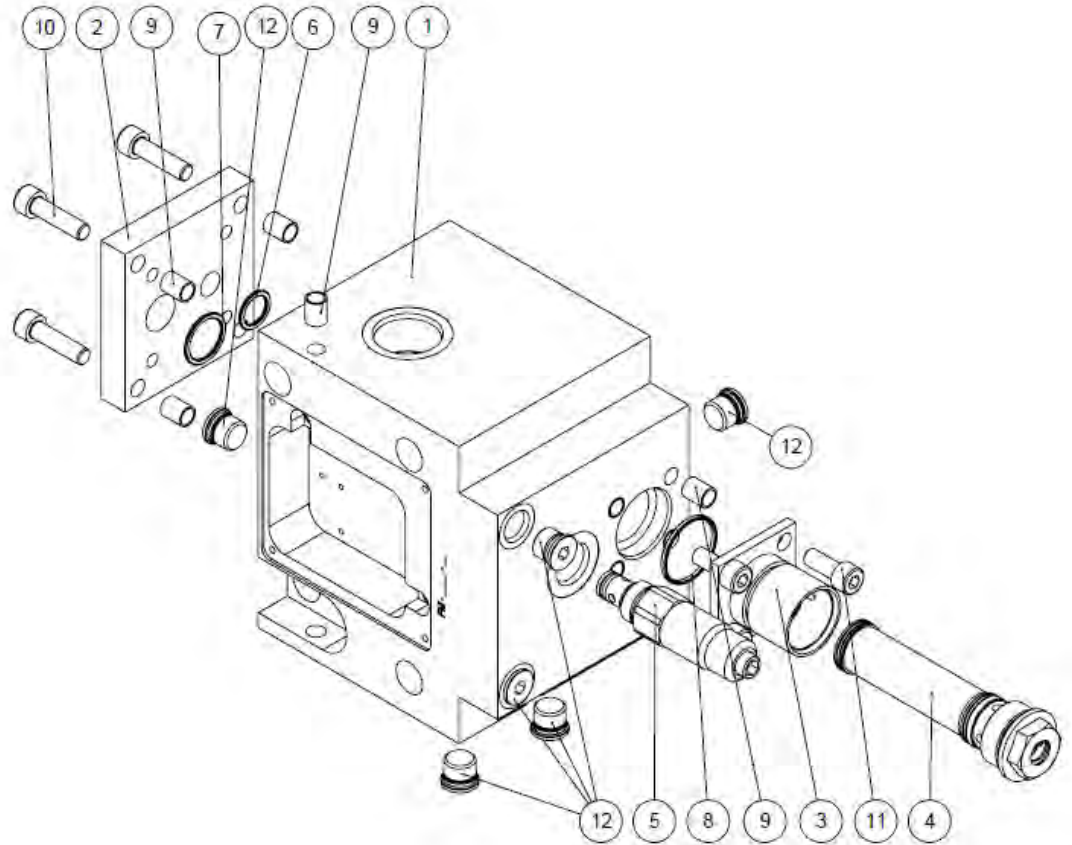
Nº	Descripción	Description	Ref.	Qty
1	SOPORTE V1 MOTOR FLEXMELT	FLEXMELT V1 MOTOR SUPPORT	914XX662	1
2	MOTORREDUCTOR LENZE - GST03-2M VCK 063C3	LENZE - GST03-2M VCK 063C3 GEARMOTOR	914XX663	1
3	TORNILLO ALLEN M6X25 INOX.	ALLEN SCREW M6X25 STAINLESS	914XX175	4
4	ARANDELA PLANA M6 INOX.	PLAIN WASHER M6 STAINLESS	917XX498	4
5	ARANDELA GROWER M6 INOX.	GROVER WASHER M6 STAINLESS	910XX131	4
6	TORNILLO ALLEN M10X20 INOX.	ALLEN SCREW M10X20 INOX	910XX908	4
7	ARANDELA PLANA M10 INOX.	M10 PLAIN WASHER STAINLESS	911XX069	4
8	ARANDELA GROWER M10 INOX.	GROVER WASHER M10 STAINLESS	915XX578	4

14. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE / FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY



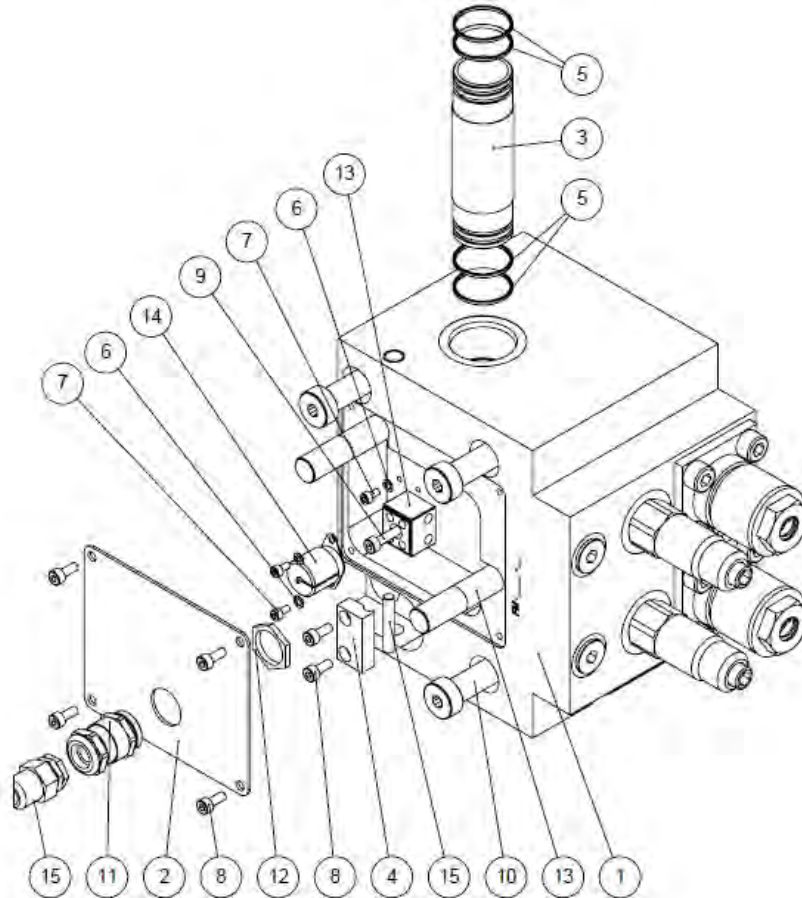
Nº	Descripción	Description	Ref.	Ref.	Qty
1	KIT MONTAJE DISTRIBUIDOR 2 SALIDAS FLEXMELT BOMBA SIMPLE	2 OUTPUT FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT	Page 24		1
2	CHAPA ELECT. DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ELECTRIC SHEET	914XX665		1
3	TUBO COMUNICACION B30	B30 COMMUNICATION TUBE	918XX764		1
4	BRIDA SONDA	SUPPORTING FLANGE	914XX169		1
5	JUNTA TORICA VITON 25X1,5	VITON O-RING Ø25X1,5	914XX926		4
6	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397		3
7	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132		3
8	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		6
9	TORNILLO ALLEN M4X20 INOX.	ALLEN SCREW M4X20 STAINLESS	914XX304		1
10	TORNILLO AMARRE DISTRIBUIDOR	MANIFOLD MOORING SCREW	-		4
11	PRENSA PG-11 LATON ALTA TEMPERATURA	HIGH TEMPERATURE PG-11 PRESS			1
12	TUERCA PG-11 LATON	NUT PG-11 BRASS	915XX081	913XX504	1
13	MAZO RESISTENCIAS DISTRIBUIDOR FM	FM MANIFOLD RESISTORS HARNESS	-		1
14	MAZO TERMOSTATO	THERMOSTAT HARNESS	DEPENDING MODEL		1
15	MAZO DE CABLES	WIRING HARNESS	DEPENDING MODEL		1

14.1 KIT MONTAJE DISTRIBUIDOR 2 SALIDAS FLEXMELT BOMBA SIMPLE / 2 OUTPUT FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT



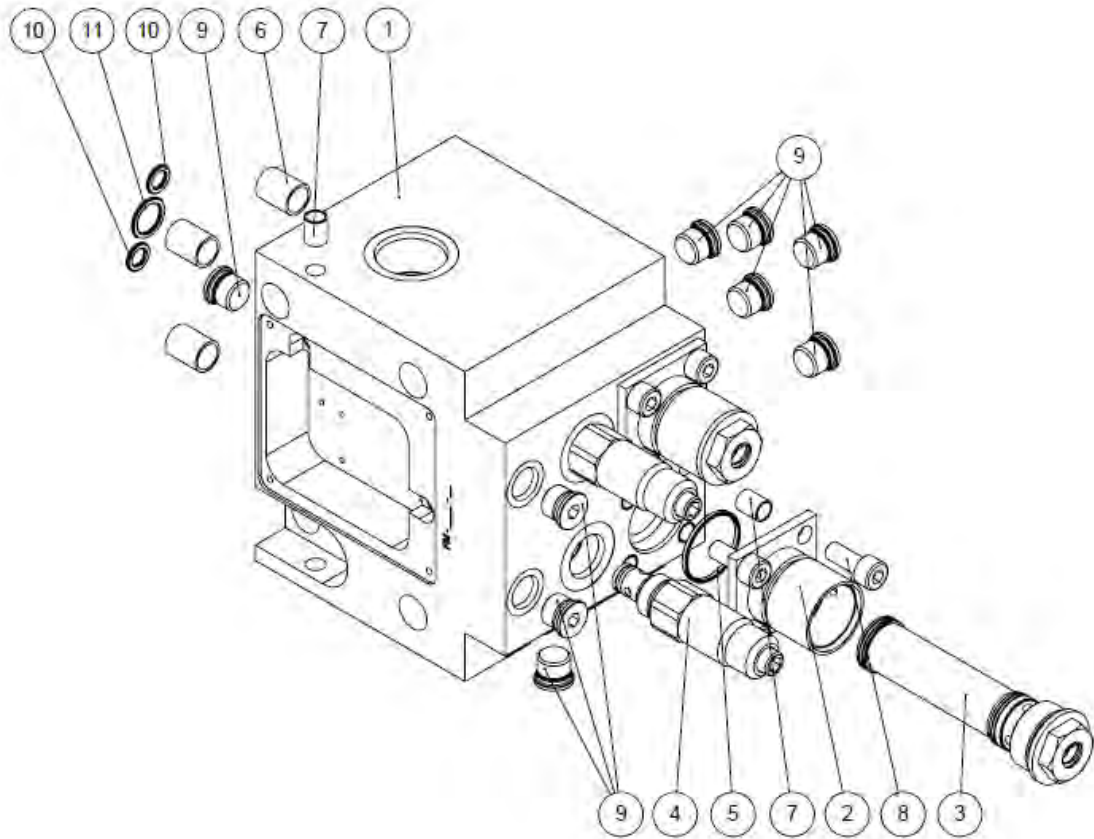
Nº	Descripción	Description	Ref.	Ref.	Qty
1	CUERPO DISTRIBUIDOR SIMPLE FLEXMELT	FLEXMELT SIMPLE MANIFOLD BODY	914XX664		1
2	PLACA ADAPTACION FLEXMELT BOMBA SIMPLE V1	FLEXMELT BS ADAPTATION PLATE V1	913XX618		1
3	BRIDA ROSCA FILTRO MOD.2	FILTER THREAD BRIDLE MOD.2	915XX820		1
4	SUBCONJUNTO FILTRO EC/K	EC/K FILTER SUBASSEMBLY	Page 29		1
5	KIT REGULADOR DE PRESION TARADO A 80BAR V1	PRESURE REGULATOR KIT 80BAR TARED	912XX169		1
6	JUNTA TORICA VITON 14X2	VITON O-RING Ø14X2	911XX227		1
7	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047		1
8	JUNTA TORICA VITON 30X2	VITON O-RING Ø30X2	914XX090		1
9	HELICOIL M8X12	M8X12 HELICOIL	915XX173		9
10	TORNILLO ALLEN M8X30 INOX	ALLEN SCREW M8X30 STAINLESS	911XX125		4
11	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190		4
12	TAPON 9/16" CON JUNTA	9/16" CAP WITH O-RING	-	917XX031	6
	JUNTA TORICA VITON 12X2	VITON O-RING Ø12X2	910XX049		6

15. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA DOBLE / FLEXMELT DOUBLE PUMP MANIFOLD ASSEMBLY



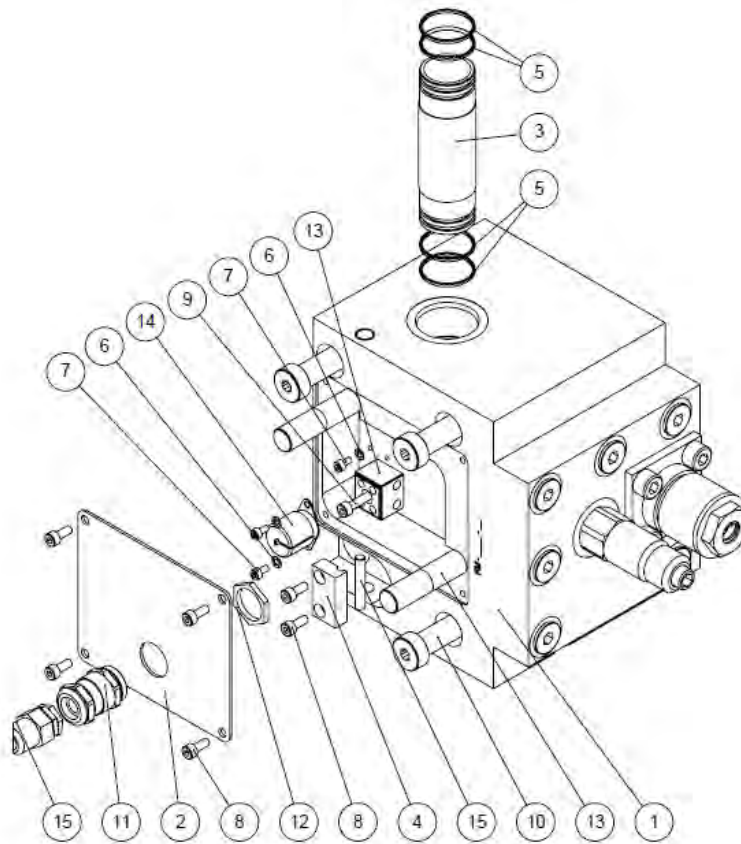
Nº	Descripción	Description	Ref.	Ref.	Qty
1	KIT MONTAJE DISTRIBUIDOR FLEXMELT BOMBA DOBLE	FLEXMELT DOUBLE PUMP MANIFOLD ASSEMBLY KIT	Page 26		1
2	CHAPA ELECT. DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ELECTRIC SHEET	914XX665		1
3	TUBO COMUNICACION B30 INOX	STAINLESS B30 COMMUNICATION TUBE	918XX764		1
4	BRIDA SONDA	SUPPORTING FLANGE	914XX169		1
5	JUNTA TORICA VITON 25X1,5	VITON O-RING Ø25X1,5	914XX926		4
6	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397		3
7	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132		3
8	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		6
9	TORNILLO ALLEN M4X20 INOX.	ALLEN SCREW M4X20 STAINLESS	914XX304		1
10	TORNILLO AMARRE DISTRIBUIDOR	MANIFOLD MOORING SCREW	-		4
11	PRENSA PG-11 LATON ALTA TEMPERATURA	HIGH TEMPERATURE PG-11 PRESS			1
12	TUERCA PG-11 LATON	NUT PG-11 BRASS	915XX081	913XX504	1
13	MAZO RESISTENCIAS DISTRIBUIDOR FM	FM MANIFOLD RESISTORS HARNESS	-		1
14	MAZO TERMOSTATO	THERMOSTAT HARNESS	DEPENDING MODEL		1
15	MAZO DE CABLES	WIRING HARNESS	DEPENDING MODEL		1

15.1 KIT MONTAJE DISTRIBUIDOR FLEXMELT BOMBA DOBLE / FLEXMELT DOUBLE PUMP MANIFOLD ASSEMBLY KIT



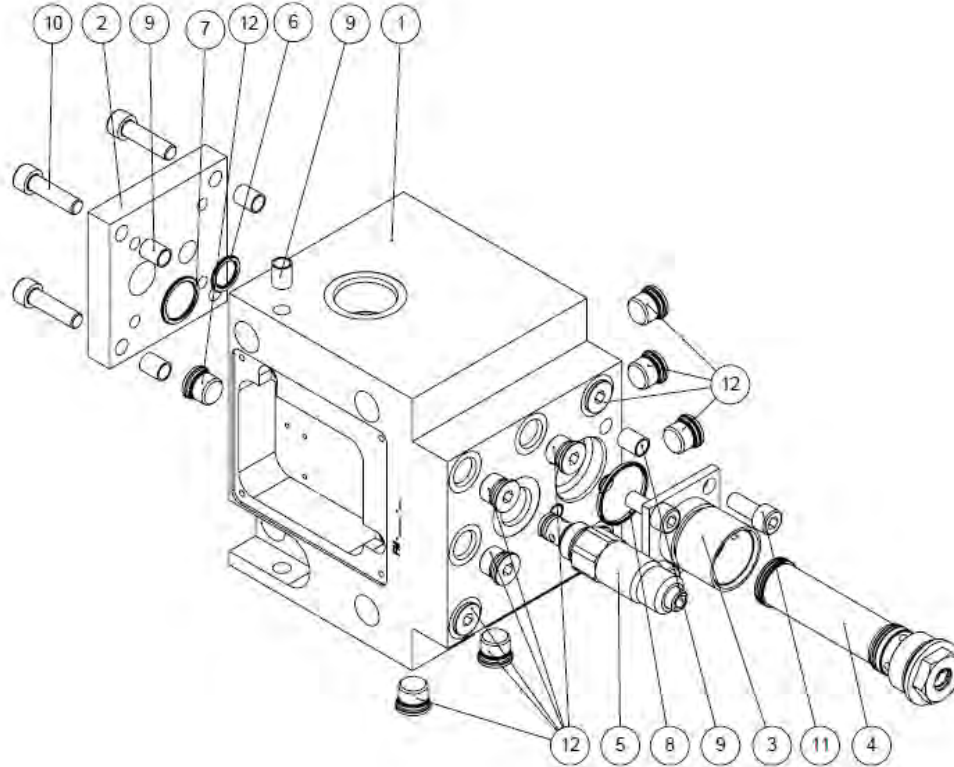
Nº	Descripción	Description	Ref.	Ref.	Qty
1	CUERPO DISTRIBUIDOR DOBLE FLEXMELT	FLEXMELT DOUBLE MANIFOLD BODY	914XX666		1
2	BRIDA ROSCA FILTRO MOD.2	FILTER THREAD BRIDLE MOD.2	915XX820		2
3	SUBCONJUNTO FILTRO EC/K	EC/K FILTER SUBASSEMBLY	Page 29		2
4	KIT REGULADOR DE PRESION TARADO A 80BAR V1	PRESURE REGULATOR KIT 80BAR TARED	912XX169		2
5	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047		2
6	HELICOIL M12X18	M12X18 HELICOIL	-		4
7	HELICOIL M8X12	M8X12 HELICOIL	915XX173		9
8	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190		8
9	TAPON 9/16" CON JUNTA	9/16" CAP WITH O-RING	-		9
	JUNTA TORICA VITON 12X2	VITON O-RING Ø12X2	910XX049	917XX031	9
10	JUNTA TORICA VITON 8X2	VITON O-RING Ø8X2	914XX275		2
11	JUNTA TORICA VITON 14X2	VITON O-RING Ø14X2	911XX227		1

16. CONJUNTO DISTRIBUIDOR FLEXMELT BOMBA SIMPLE 6 SALIDAS / FLEXMELT SIMPLE PUMP 6 OUTPUTS MANIFOLD ASSEMBLY



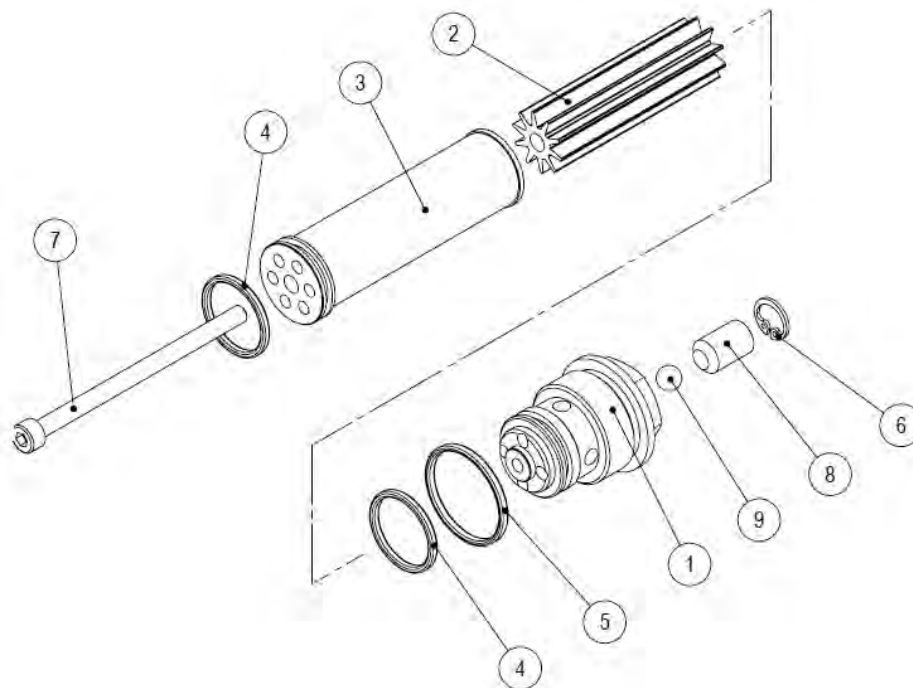
Nº	Descripción	Description	Ref.	Ref.	Qty
1	KIT MONTAJE DISTRIBUIDOR 6 SALIDAS FLEXMELT BOMBA SIMPLE	6 OUTPUTS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT	Page 28		1
2	CHAPA ELECT. DISTRIBUIDOR FLEXMELT	FLEXMELT MANIFOLD ELECTRIC SHEET	914XX665		1
3	TUBO COMUNICACION B30 INOX	STAINLESS B30 COMMUNICATION TUBE	918XX764		1
4	BRIDA SONDA	SUPPORTING FLANGE	914XX169		1
5	JUNTA TORICA VITON 25X1,5	VITON O-RING Ø25X1,5	914XX926		4
6	ARANDELA DENTADA M3	TOOTHED WASHER M3	910XX397		3
7	TORNILLO ALLEN M3X6 INOX.	ALLEN SCREW M3X6 STAINLESS	911XX132		3
8	TORNILLO ALLEN M4X10 INOX.	ALLEN SCREW M4X10 STAINLESS	910XX129		6
9	TORNILLO ALLEN M4X20 INOX.	ALLEN SCREW M4X20 STAINLESS	914XX304		1
10	TORNILLO AMARRE DISTRIBUIDOR	MANIFOLD MOORING SCREW	-		4
11	PRENSA PG-11 LATON ALTA TEMPERATURA	HIGH TEMPERATURE PG-11 PRESS	-		1
12	TUERCA PG-11 LATON	NUT PG-11 BRASS	915XX081	913XX504	1
13	MAZO RESISTENCIAS DISTRIBUIDOR FM	FM MANIFOLD RESISTORS HARNESS	-		1
14	MAZO TERMOSTATO	THERMOSTAT HARNESS	DEPENDING MODEL		1
15	MAZO DE CABLES	WIRING HARNESS	DEPENDING MODEL		1

16.1 KIT MONTAJE DISTRIBUIDOR 6 SALIDAS FLEXMELT BOMBA SIMPLE / 6 OUTPUTS FLEXMELT SIMPLE PUMP MANIFOLD ASSEMBLY KIT



Nº	Descripción	Description	Ref.	Ref.	Qty
1	CUERPO DISTRIBUIDOR SIMPLE FLEXMELT 6 SALIDAS	FLEXMELT 6 OUTPUTS SIMPLE MANIFOLD BODY	913XX669		1
2	PLACA ADAPTACION FLEXMELT BOMBA SIMPLE V1	FLEXMELT BS ADAPTATION PLATE V1	913XX618		1
3	BRIDA ROSCA FILTRO MOD.2	FILTER THREAD BRIDLE MOD.2	915XX820		1
4	SUBCONJUNTO FILTRO EC/K	EC/K FILTER SUBASSEMBLY	Page 29		1
5	KIT REGULADOR DE PRESION TARADO A 80BAR V1	PRESURE REGULATOR KIT 80BAR TARED	912XX169		1
6	JUNTA TORICA VITON 14X2	VITON O-RING Ø14X2	911XX227		1
7	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047		1
8	JUNTA TORICA VITON 30X2	VITON O-RING Ø30X2	914XX090		
9	HELICOIL M8X12	M8X12 HELICOIL	915XX173		9
10	TORNILLO ALLEN M8X30 INOX	ALLEN SCREW M8X30 STAINLESS	911XX125		4
11	TORNILLO ALLEN M8X20 INOX	ALLEN SCREW M8X20 STAINLESS	915XX190		4
12	TAPON 9/16" CON JUNTA	9/16" CAP WITH O-RING	-	917XX031	12
	JUNTA TORICA VITON 12X2	VITON O-RING Ø12X2	910XX049		12

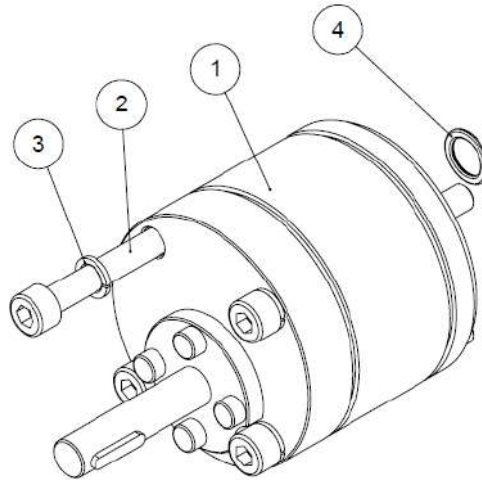
16.1.1 CONJUNTO FILTRO EC/K / EC/K FILTER ASSEMBLY (916XX757)



Nº	Descripción	Description	Ref.	Ref.	Qty
1	TORNILLO FILTRO + TORN PURGADOR	FILTER SCREW + BLEEDER SCREW	-		1
8	ESPARRAGO ROSCADO M10X16 INOX	STAINLESS M10X16 THREADED STUD	917XX571	917XX570	1
9	BOLA 7 INOX	Ø7 BALL			1
6	ANILLO ELASTICO AGUJERO 12	HOLE 12 ELASTIC RING	910XX765		1
2	DISTANCIAL INTERIOR FILTRO EC/K	EC/K FILTER INTERNAL SPACER	917XX117		1
3	CARTUCHO FILTRO SERIE EC/K	EC/K 0.23 FILTER CARTRIDGE	DEPENDING MODEL		1
4	JUNTA TORICA VITON 20X2	VITON O-RING Ø20X2	910XX047		2
5	JUNTA TORICA VITON 26X2	VITON O-RING Ø26X2	914XX177		1
7	TORNILLO ALLEN M5X80 INOX.	ALLEN SCREW M5X80 STAINLESS	917XX120		1

Nº	Descripción	Description	Ref.	Ref.	Qty
1	CARTUCHO FILTRO 0,23 SERIE EC/K	EC SERIE 0,23 FILTER CARTRIDGE	917XX119		1
2	CARTUCHO FILTRO 0,50 SERIE EC/K	EC SERIE 0,50 FILTER CARTRIDGE	913XX615		1
3	CARTUCHO FILTRO 0,15 SERIE EC/K	EC SERIE 0,15 FILTER CARTRIDGE	900XX028		1

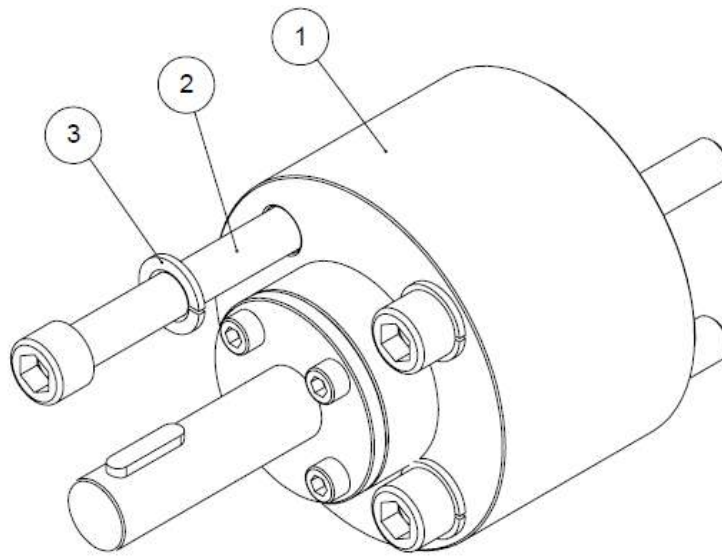
17. KIT BOMBA ENGRANAJE SIMPLE / SIMPLE GEAR PUMP KIT



Nº	Descripción	Description	Ref.	Qty
1	BOMBA ENGRANAJES	GEAR PUMP	depending model	1
2	TORNILLO ALLEN M8 INOX	ALLEN SCREW M8 STAINLESS	depending model	4
3	ARANDELA GROWER M8 INOX.	M8 GROVER WASHER STAINLESS	910XX135	4
4	JUNTA TORICA VITON 12X2	VITON O-RING Ø12X2	910XX049	1

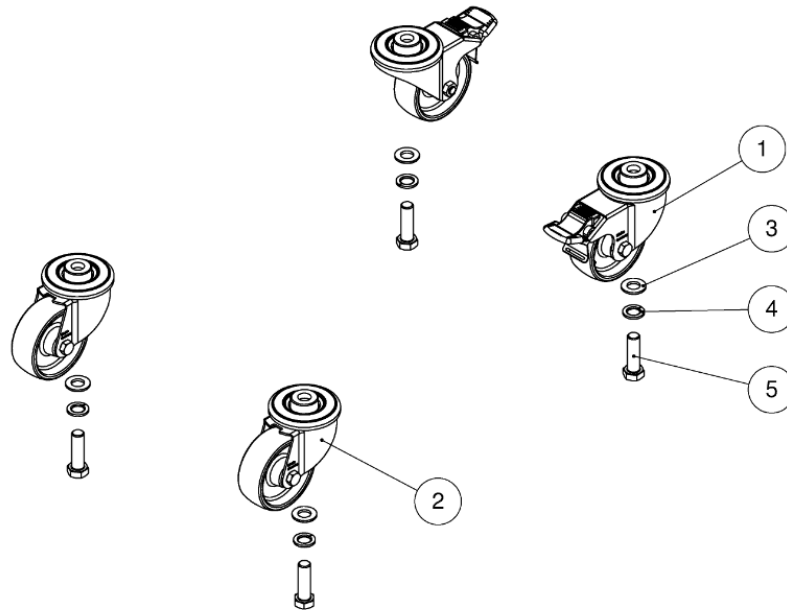
1	BOMBA ENGRANAJES 0,45 CC/REV M.V.V.	GEAR PUMP 0,45CC/REV	916XX239
2	TORNILLO ALLEN M8X50 INOX	ALLEN SCREW M8X50 STAINLESS	911XX154
1	BOMBA ENGRANAJES 1 CC/REV M.V.V.	GEAR PUMP 1 CC/REV	911XX217
2	TORNILLO ALLEN M8X50 INOX	ALLEN SCREW M8X50 STAINLESS	911XX154
1	BOMBA ENGRANAJES 2,5 CC/REV M.V.V.	GEAR PUMP 2,5 CC/REV	911XX214
2	TORNILLO ALLEN M8X55 INOX	ALLEN SCREW M8X55 STAINLESS	915XX222
1	BOMBA ENGRANAJES 4 CC/REV M.V.V.	GEAR PUMP 4 CC/REV	911XX215
2	TORNILLO ALLEN M8X60 INOX.	ALLEN SCREW M8X60 STAINLESS	917XX274
1	BOMBA ENGRANAJES 8 CC/REV M.V.V.	GEAR PUMP 8 CC/REV	911XX216
2	TORNILLO ALLEN M8X80 INOX	ALLEN SCREW M8X80 STAINLESS	910XX748

18. KIT BOMBA ENGRANAJE DOBLE / DOUBLE GEAR PUMP KIT



Nº	Descripción	Description	Ref.
1	BOMBA ENGRANES 2X0,6CC/REV M.V.V.	GEAR PUMP 2X0,6CC/REV	depending model
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	depending model
3	ARANDELA GROVER M12	GROVER WASHER M12 STAINLESS	917XX515
1	BOMBA ENGRANES 2X0,4CC/REV M.V.V.	GEAR PUMP 2X0,4CC/REV	911XX722
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	912XX644
1	BOMBA ENGRANES 2X0,6CC/REV M.V.V.	GEAR PUMP 2X0,6CC/REV	918XX038
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	912XX644
1	BOMBA ENGRANES 2X1,2CC/REV M.V.V.	GEAR PUMP 2X1,2CC/REV	918XX039
2	TORNILLO ALLEN M12X80 INOX.	ALLEN SCREW M12X80 STAINLESS	912XX644
1	BOMBA ENGRANES 2X2,4CC/REV M.V.V.	GEAR PUMP 2X2,4CC/REV	918XX047
2	TORNILLO ALLEN M12X90 INOX.	ALLEN SCREW M12X90 STAINLESS	912XX494
1	BOMBA ENGRANES 2X4,8CC/REV M.V.V.	GEAR PUMP 2X4,8CC/REV	918XX103
2	TORNILLO ALLEN M12X100 INOX.	ALLEN SCREW M12X100 STAINLESS	914XX181

19. KIT DE RUEDAS FLEXMELT / FLEXMELT WHEEL KIT:

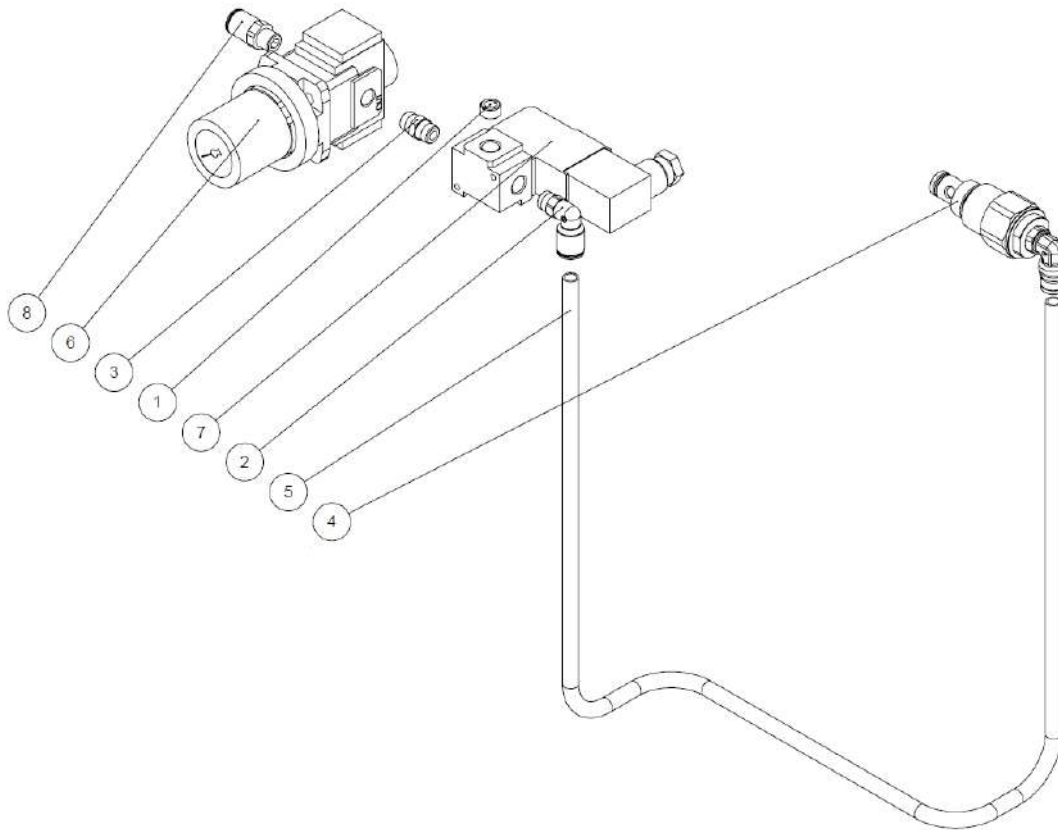


Nº	Descripción	Description	Ref.	Qty
1	RUEDA GIR. C/FRENO Ø80X30 NYLON PERNO 12	SWIVEL WHEEL WITH BRAKE	914XX723	2
2	RUEDA GIR. S/FRENO Ø80X30 NYLON PERNO 12	SWIVEL WHEEL	914XX724	2
3	ARANDELA PLANA M12 INOX.	PLAIN WASHER M12 STAINLESS	915XX008	4
4	ARANDELA GROVER M12 INOX.	GROVER WASHER M12 STAINLESS	917XX515	4
5	TORNILLO HEXAGONAL M12X40	HEX SCREW M12X40 STAINLESS	915XX012	4

Nota: las ruedas con freno deben montarse en la parte frontal del equipo

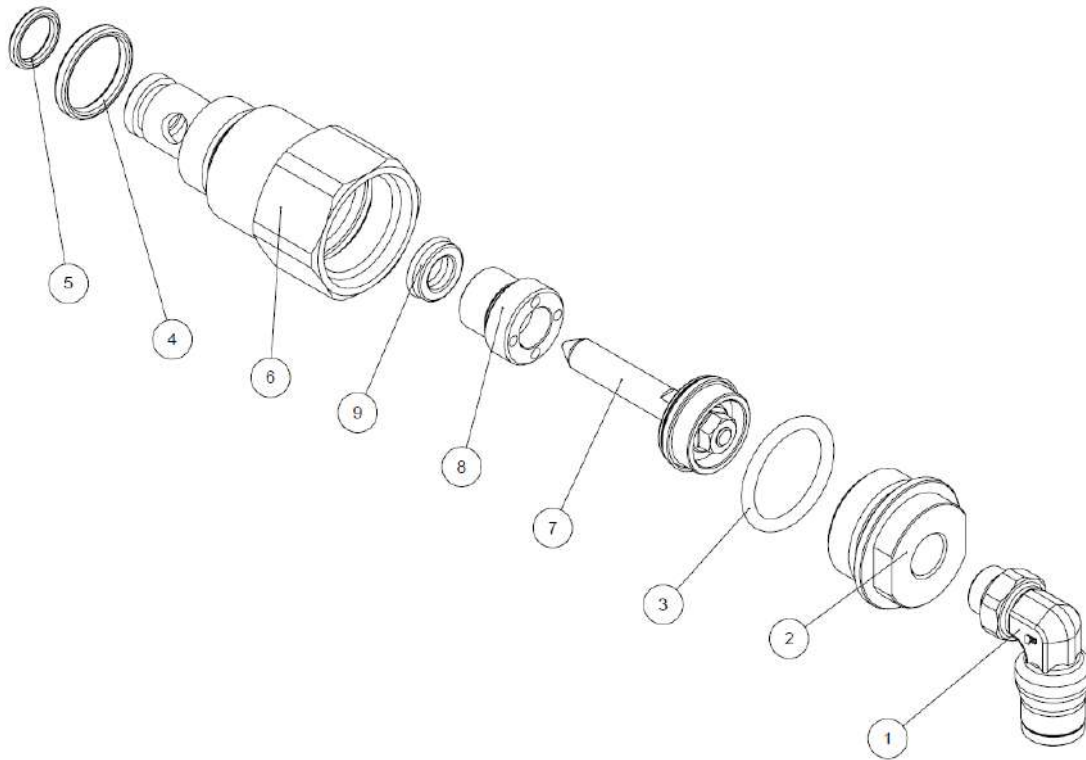
Note: wheels with brake should be assembled on the front side of the equipment

20. REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (917XX971):



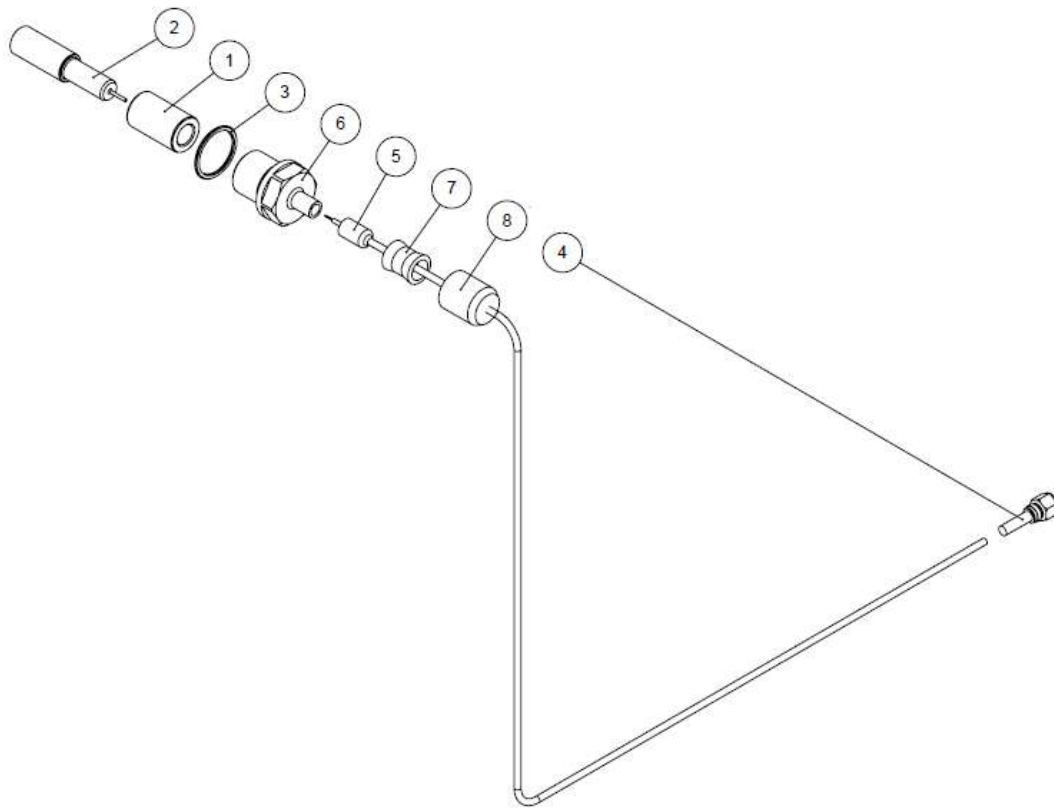
Nº	Descripción	Description	Ref.	Qty
1	SILENCIADOR MINIATURA G1/8-B	G1/8-B SILENCER	917XX598	1
2	RACOR 90º R1/8 / ER8-P	ELBOW FITTING 90º 1/8 T/8 E/R	988XX018	1
3	RACOR RECTO R1/8 / R1/8-B	STRAIGHT FITTING R1/8 / R1/8-B	914XX043	1
4	CONJUNTO REGULADOR DE PRESION NEUMATICO V2	V2 PNEUMATIC PRESSURE REGULATOR ASSEMBLY	Pag 35	1
5	TUBO TEFLON 8X6	8X6 TEFLON PIPE	988XX019	0,8
6	REGULADOR SMC ARG20-F01G1H	SMC ARG20-F01G1H REGULATOR	914XX754	1
7	ELECTROVALVULA SMC 3/2 24VDC	SOLENOID VALVE SMC 3/2 24VDC	917XX285	1
8	RACOR RECTO R1/8 / ER8-BN	STRAIGHT FITTING 1/8 PIPE 8 E/R	988XX017	1

20.1 REGULADOR DE PRESIÓN NEUMÁTICO FLEXMELT (912XX468):



Nº	Descripción	Description	Ref.	Qty
1	RACOR 90º G1/8 / ER8-BN	FITTING 90º G1/8 / ER8-BN	910XX415	1
2	TAPON REGULADOR DE PRESION	PRESSURE REGULATOR CAP		1
3	JUNTA TORICA VITON 19X2,5	VITON O'RING 19X2,5	911XX742	1
4	JUNTA TORICA VITON 16X2	VITON O'RING 16X2	914XX082	1
5	JUNTA TORICA VITON 9,25X1,78	VITON O'RING 9.25X1.78	916XX209	1
6	CUERPO REGULADOR NEUMATICO V2	V2 PNEUMATIC REGULATOR BODY		1
7	SUBCNJNTO. AGUJA V2 REGULADOR NEUMATICO	PNEUMATIC REGULATOR V2 NEEDLE ASSEMBLY	912XX470	1
8	TORNILLO JUNTA REGULADOR	REGULATOR O'RING SCREW		1
9	JUNTA PARKER POLYPAK SPP 1/4 X 1/2 X 1/8	1/4 X 1/2 X 1/8 SPP POLYPAK PARKER JOINT		1

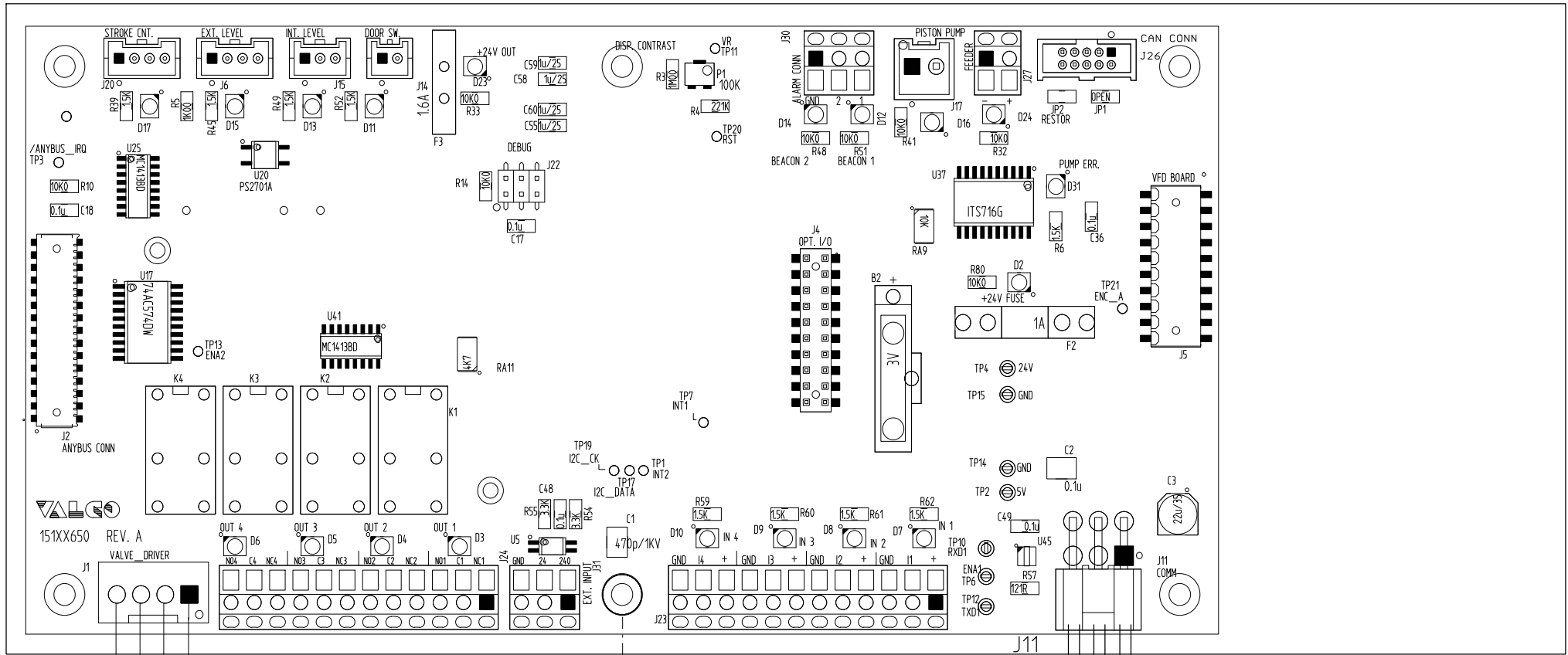
21. KIT SONDA DE NIVEL FLEXMELT / FLEXMELT LEVEL SENSOR KIT (988XX810)



Nº	Descripción	Description	Ref.	Qty
1	CASQUILLO SONDA DE NIVEL NV10	NV10 LEVEL PROBE BUSHING	-	1
2	BULBO SONDA NIVEL NV10	NV10 LEVEL PROBE BULB	-	1
3	JUNTA TORICA VITON 17X1.5	17X1.5 VITON O-RING	914XX944	1
4	CONECTOR CABLE COAXIAL RG188	RG188 COAXIAL WIRE CONECTOR	-	1
5	CABLE COAXIAL RG316U S=0,204MM2 LONG.: 600MM	RG316U S=0,0204MM2 COAXIAL WIRE LENGTH 600MM	-	1
6	RACOR SONDA NIVEL NV10	NV10 LEVEL PROBE FITTING	-	1
7	TERMINAL CILÍNDRICO DE EMPALME 4 AWG	SPLICE 4 AWG CILINDRIC TERMINAL	-	1
8	TAPON SONDA DE NIVEL NV10	NV10 LEVEL PROBE CAP	-	1

1U1

TARJETA DE CONTROL



VER PAGINA 14

VER PAGINA 4

USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: TARJ. CONTROL						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE		
REV:		ALL DIMENSIONS IN MILLIMETERS	MACHINED SURFACES <input checked="" type="checkbox"/>	ANGULAR <input type="checkbox"/>	TARJETA DE CONTROL FLEXMELT 2 BOMBAS	
	DRAWN BY M.MAYESTARAN	DECIMAL X.		DATE	19/10/2011	DRAWING NUMBER
	CHECKED	DECIMAL X.X		SCALE	S/E	S080010100
	APPROVED	DECIMAL X.XX		SHEET	1 OF	SUPERSEDES
						SUPERSEDED BY

VER PAGINA 12

VER PAGINA 11

VER PAGINA 10

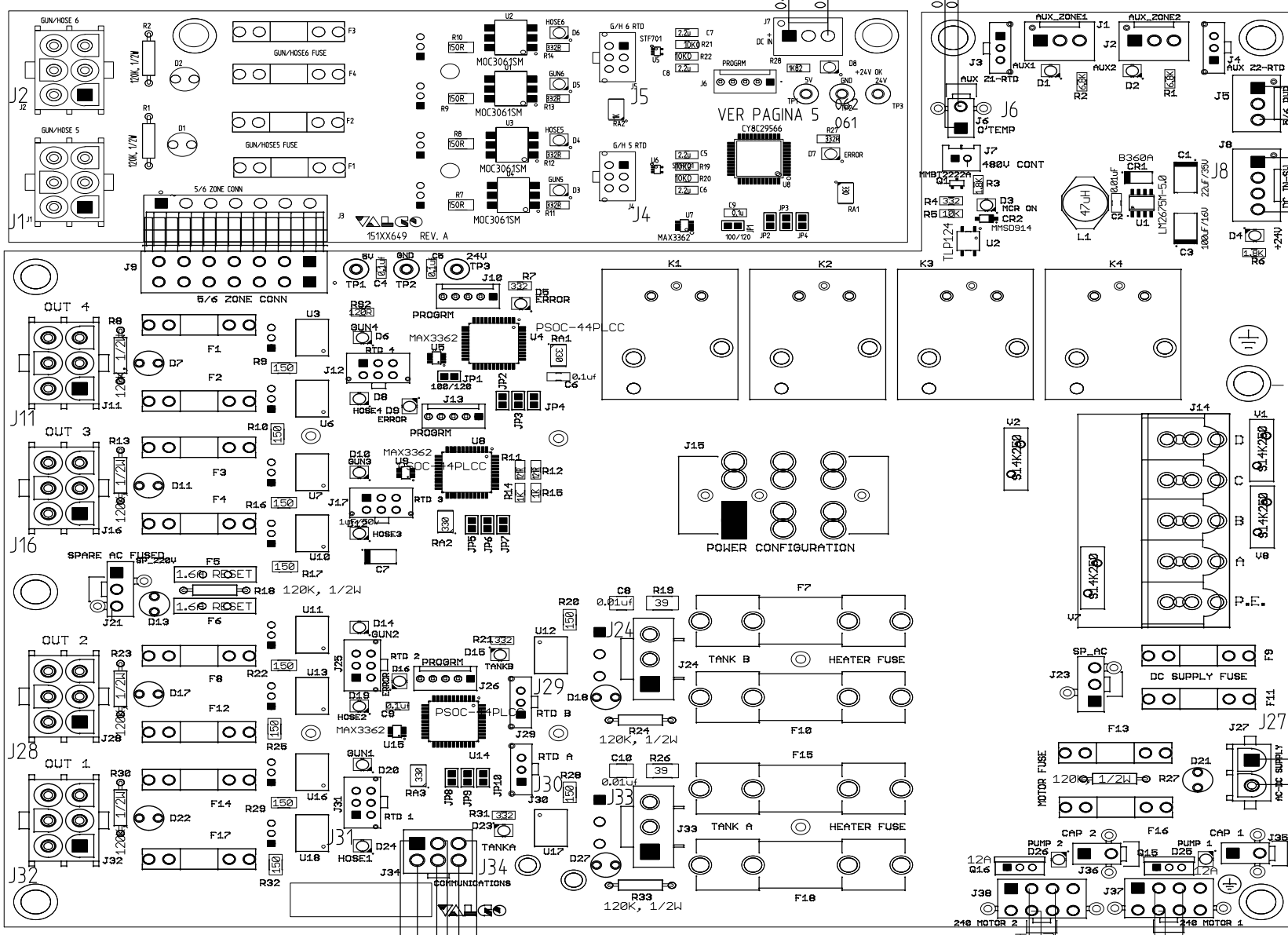
VER PAGINA 9

VER PAGINA 8

VER PAGINA 7

VER PAGINA 4

VER PAGINA 6



045

046

MCR+

MCR-

VER PAGINA 3

120

121

2U1
TARJETA DE POTENCIA

VER PAGINA 4

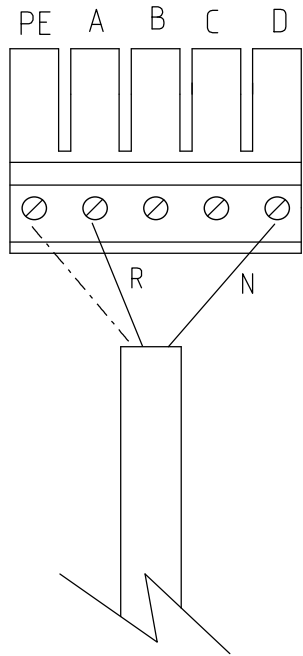
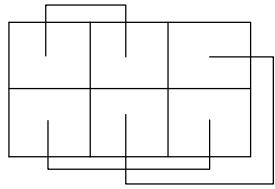
VER PAGINA 16

VER PAGINA 15

USED ON:				PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.	
Mtl: TARJ. POTENCIA					
FINISH:		TOLERANCES - EXCEPT AS NOTED		TITLE	
REV:		ALL DIMENSIONS IN MILLIMETERS		TARJETA DE POTENCIA FLEXMELT 2 BOMBAS	
BROKE ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)		<input checked="" type="checkbox"/> MACHINED SURFACES <input type="checkbox"/> ANGULAR		DRAWING NUMBER	
DRAWN BY M.AYESTARAN		DECIMAL X.		DATE 19/10/2011	
CHECKED		DECIMAL X.X		SCALE S/E	
APPROVED		DECIMAL X.XX		SHEET 2 OF	
				SUPERSEDES	
				SUPERSEDED BY	

S080010100

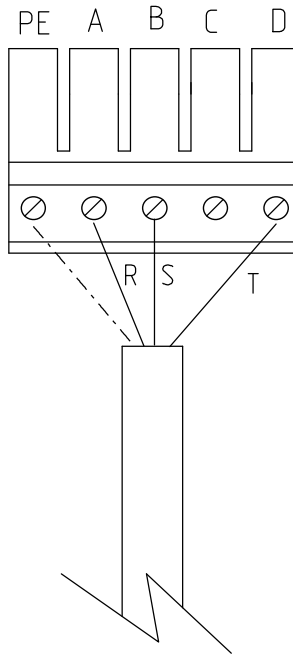
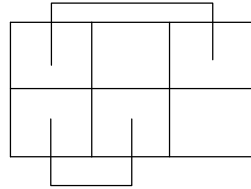
JUMPER 029XX436



CONEXION MONOFASICA 240V I

VER PAGINA 2

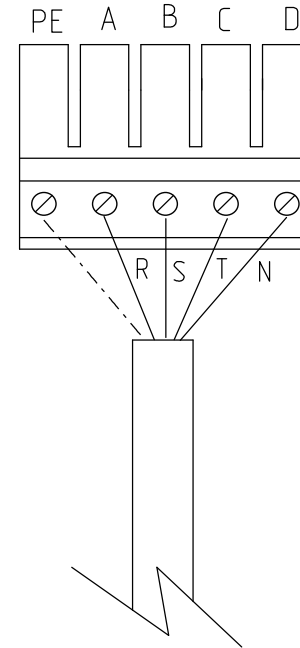
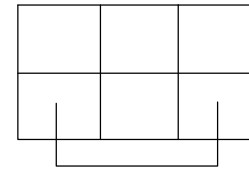
JUMPER 029XX435



CONEXION TRIFASICA 240V III

VER PAGINA 2

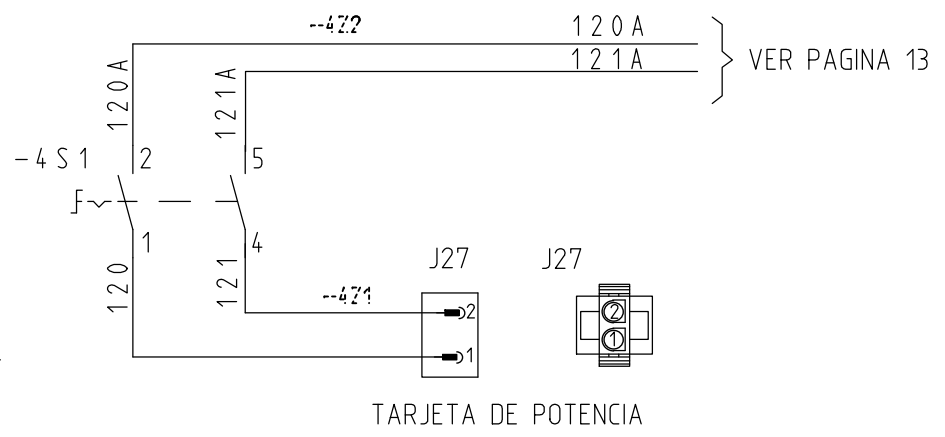
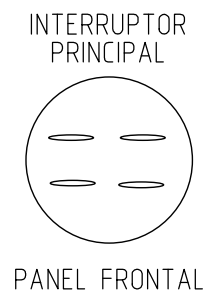
JUMPER 029XX437



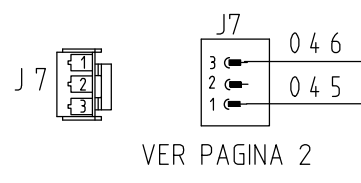
380V III CONEXION TRIFASICA CON NEUTRO

VER PAGINA 2

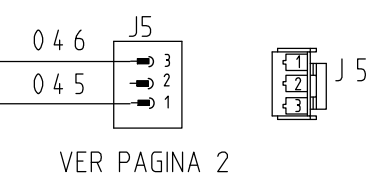
USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: ACOMETIDA						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE CONEXION ACOMETIDA FLEXMELT 2 BOMBAS		DATE 19/10/2011 SCALE S/E
REV:		ALL DIMENSIONS IN MILLIMETERS				
	DRAWN BY M.AYESTARAN	MACHINED SURFACES <input checked="" type="checkbox"/>	ANGULAR	SHEET 3 OF	SUPERSEDES	SUPERSEDED BY
	CHECKED	DECIMAL X, DECIMAL X,X				
	APPROVED	DECIMAL X,XX				



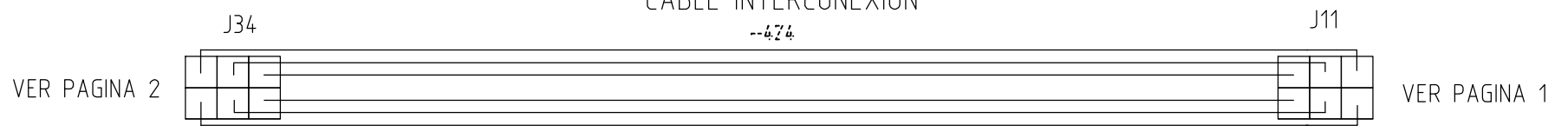
TARJETA DE POTENCIA SALIDAS 5/6



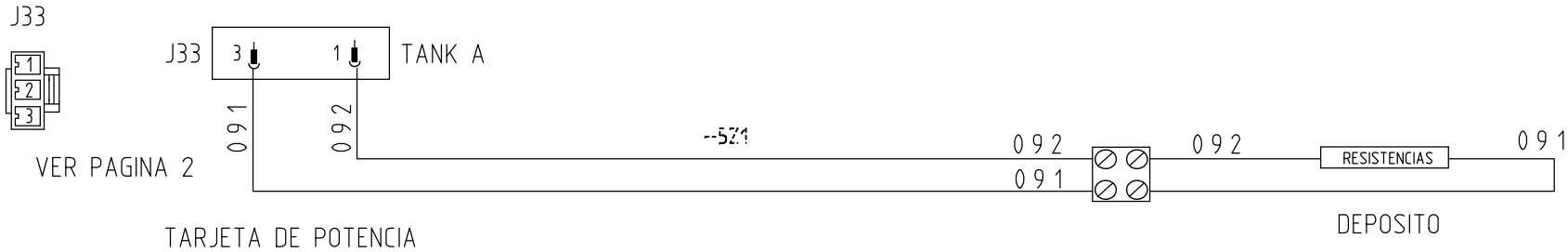
TARJETA DE POTENCIA



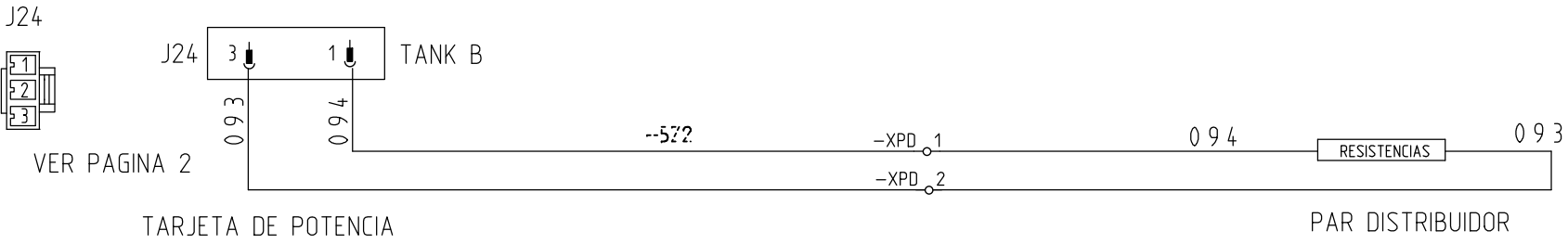
CABLE INTERCONEXION



USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: INTERCONEXION						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE INTERRUPTOR PRINCIPAL ALIMENTACION TARJETA SALIDAS 5/6 CABLE DE INTERCONEXION		
REV:		ALL DIMENSIONS IN MILLIMETERS				
		MACHINED SURFACES	ANGULAR			
	DRAWN BY M.AYESTARAN	DECIMAL X.		DATE	19/10/2011	DRAWING NUMBER
	CHECKED	DECIMAL X.X		SCALE	S/E	S080010100
	APPROVED	DECIMAL X.XX		SHEET	4 OF	SUPERSEDES
						SUPERSEDED BY

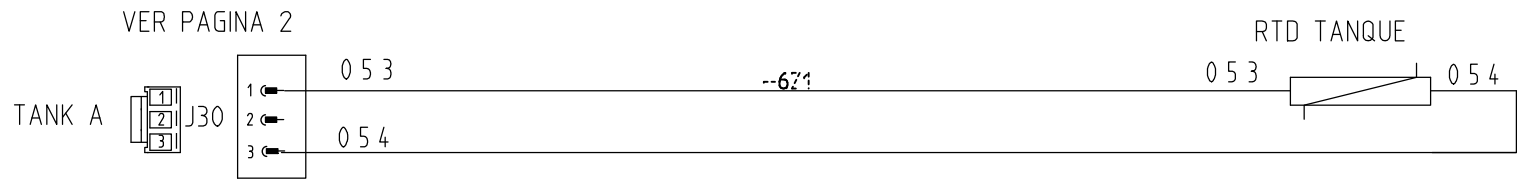


FLEX 8	2800W
FLEX 14/30	4000W

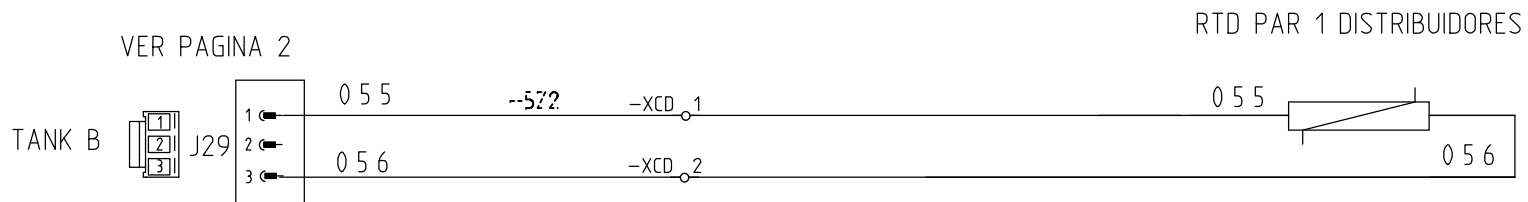


1 BOMBA	1100W
2 BOMBAS	2200W

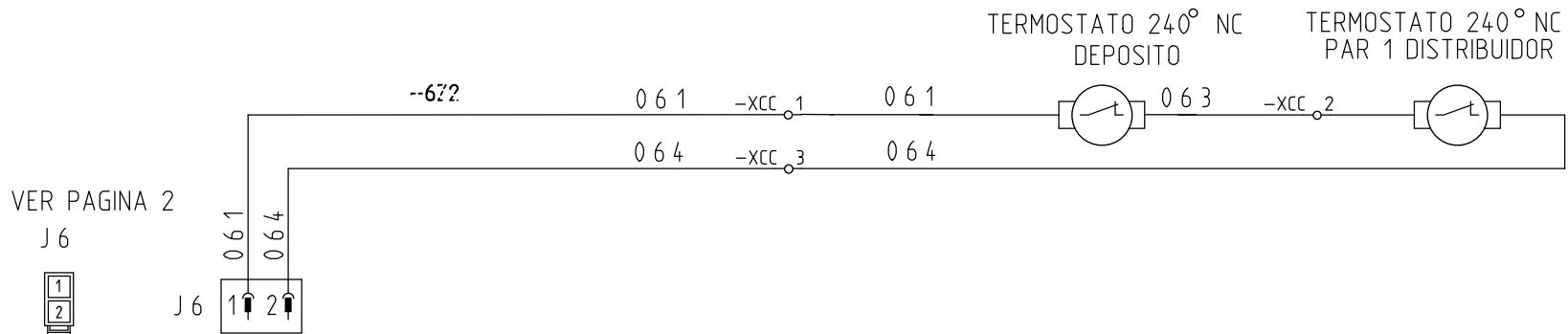
USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.		PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.	
MTL: POTENCIA				
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE RESISTENCIAS TANQUE RESISTENCIAS DISTRIBUIDORES FLEXMELT 2 BOMBAS
REV:		ALL DIMENSIONS IN MILLIMETERS MACHINED SURFACES <input checked="" type="checkbox"/> ANGULAR		
	DRAWN BY M.AYESTARAN	DECIMAL X.	DATE 19/10/2011	DRAWING NUMBER S080010100
	CHECKED	DECIMAL X.X	SCALE S/E	
	APPROVED	DECIMAL X.XX	SHEET 5 OF	SUPERSEDES



TARJETA DE POTENCIA



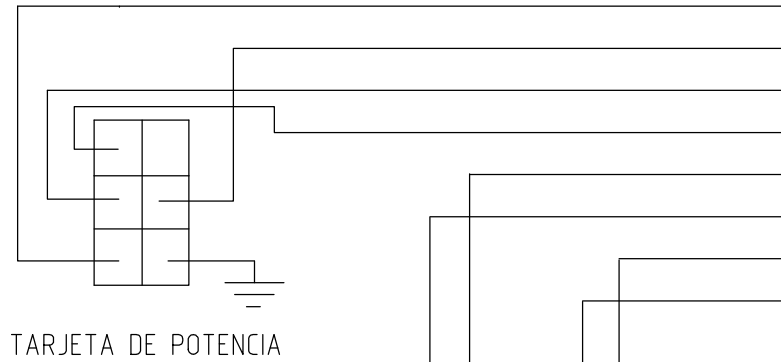
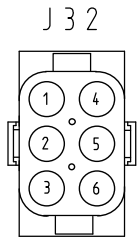
TARJETA DE POTENCIA



TARJETA DE POTENCIA

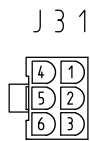
USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.	
MTL: CONTROL					
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURR) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE RTD TANQUE RTD DISTRIBUIDORES TERMOSTATOS	
REV:		ALL DIMENSIONS IN MILLIMETERS			
		MACHINED SURFACES	✓	ANGULAR	
	DRAWN BY M.AYESTARAN	DECIMAL X	DATE	20/10/2011	DRAWING NUMBER S080010100
	CHECKED	DECIMAL X,X	SCALE	S/E	
	APPROVED	DECIMAL X,XX	SHEET	6 OF	SUPERSEDES
					SUPERSEDED BY

VER PAGINA 2



TARJETA DE POTENCIA

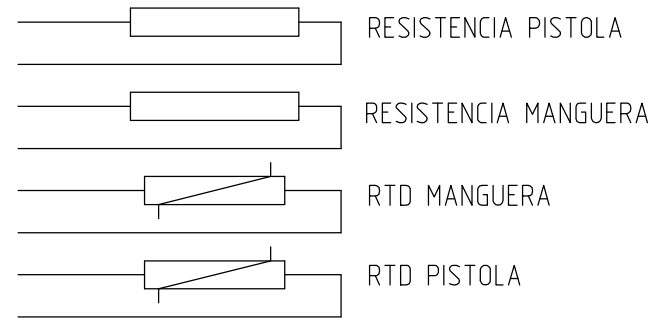
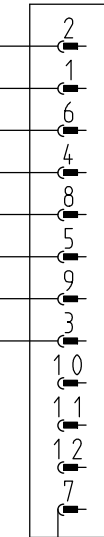
VER PAGINA 2



TARJETA DE POTENCIA

CONECTOR TRASERO

- 1 X 1



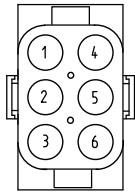
CONEXION EXTERNA

P.MAX. CANAL
2.300W

USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: MANG.-PIST. 1						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE CONEXION MANGUERA - PISTOLA 1 NI 120		
REV:		ALL DIMENSIONS IN MILLIMETERS	MACHINED SURFACES <input checked="" type="checkbox"/>			
	DRAWN BY M.AYESTARAN	DECIMAL X	DATE 20/10/2011	DRAWING NUMBER S080010100		
	CHECKED	DECIMAL X,X	SCALE S/E	SHEET 7 OF		
	APPROVED	DECIMAL X,XX	SUPERSEDES	SUPERSEDED BY		

VER PAGINA 2

J 2 8



TARJETA DE POTENCIA

VER PAGINA 2

J 2 5

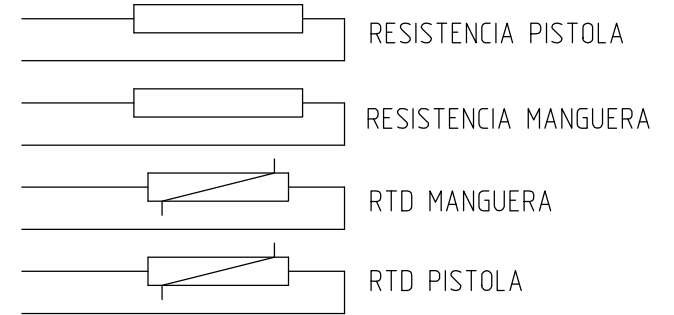
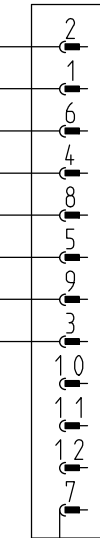


TARJETA DE POTENCIA

CONECTOR TRASERO

- 2 X 1

--871



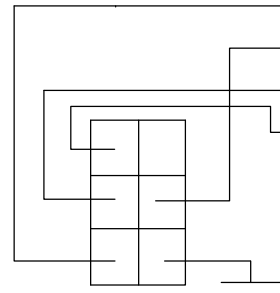
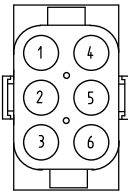
CONEXION EXTERNA

P.MAX. CANAL
2.300W

USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: MANG.-PIST. 2						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE CONEXION MANGUERA - PISTOLA 2 NI 120		
REV:		ALL DIMENSIONS IN MILLIMETERS	MACHINED SURFACES <input checked="" type="checkbox"/>			
	DRAWN BY M.AYESTARAN	DECIMAL X	DATE 20/10/2011	DRAWING NUMBER S080010100		
	CHECKED	DECIMAL X,X	SCALE S/E	SHEET 8 OF		
	APPROVED	DECIMAL X,XX	SUPERSEDES	SUPERSEDED BY		

VER PAGINA 2

J 16



TARJETA DE POTENCIA

VER PAGINA 2

J 17

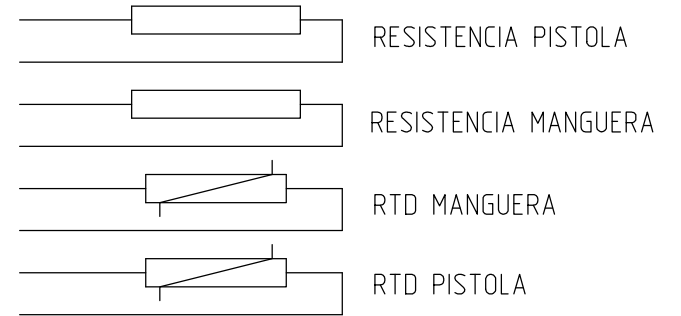
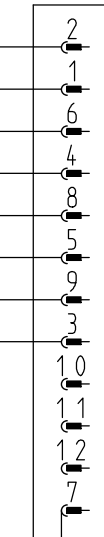


TARJETA DE POTENCIA

CONECTOR TRASERO

- 3 X 1

--9Z1



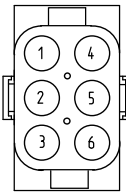
CONEXION EXTERNA

P.MAX. CANAL
1.450W

USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: MANG.-PIST. 3						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE		
REV:		ALL DIMENSIONS IN MILLIMETERS	CONEXION MANGUERA - PISTOLA 3 NI 120			
		MACHINED SURFACES	✓	ANGULAR	DATE 20/10/2011	DRAWING NUMBER
	DRAWN BY M.AYESTARAN	DECIMAL X.			SCALE S/E	S080010100
	CHECKED	DECIMAL X.X			SHEET 9 OF	SUPERSEDES
	APPROVED	DECIMAL X.XX				SUPERSEDED BY

VER PAGINA 2

J 11



TARJETA DE POTENCIA

VER PAGINA 2

J 12

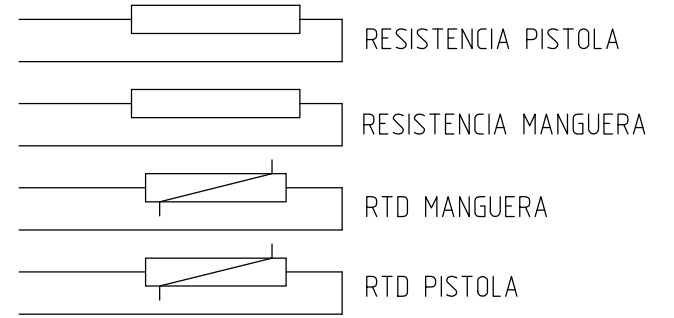
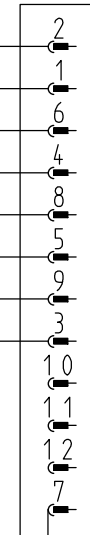


TARJETA DE POTENCIA

CONECTOR TRASERO

- 4 X 1

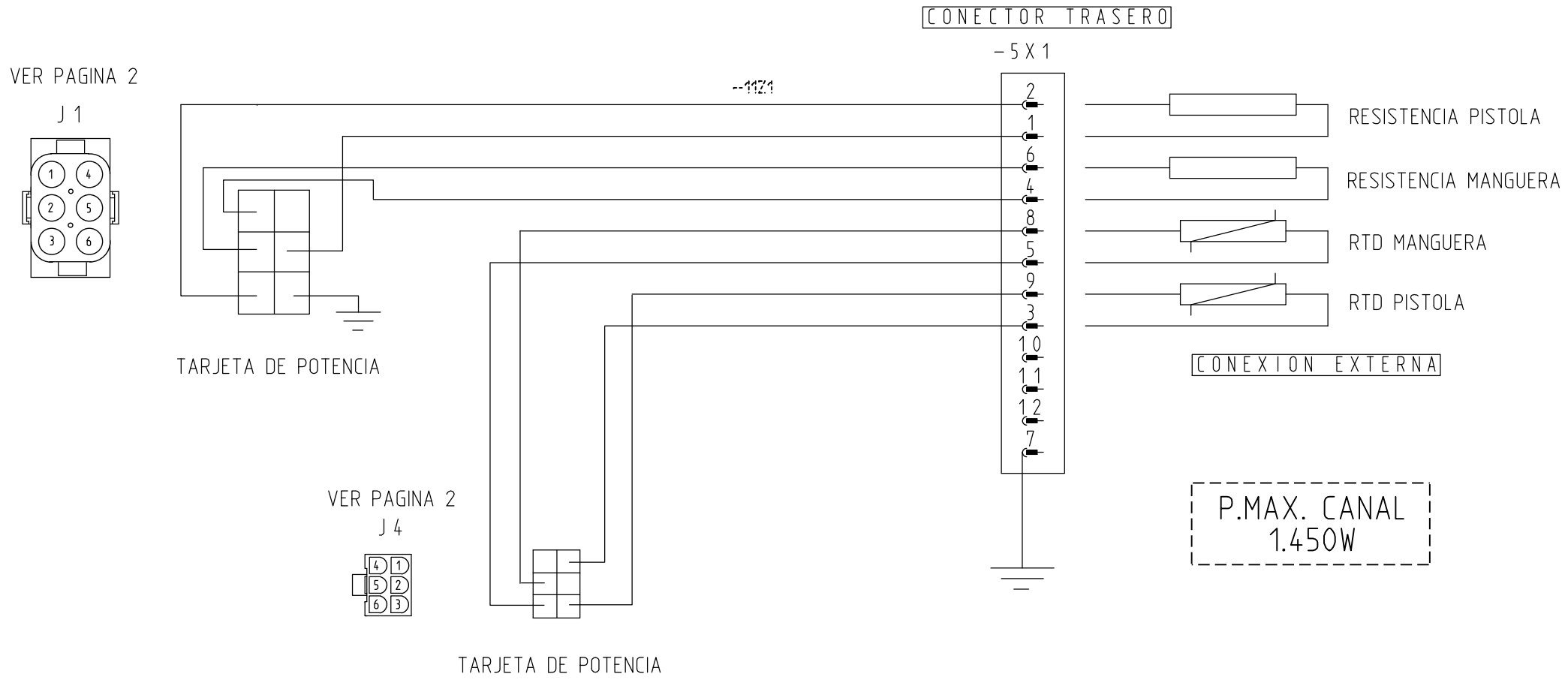
--10Z1



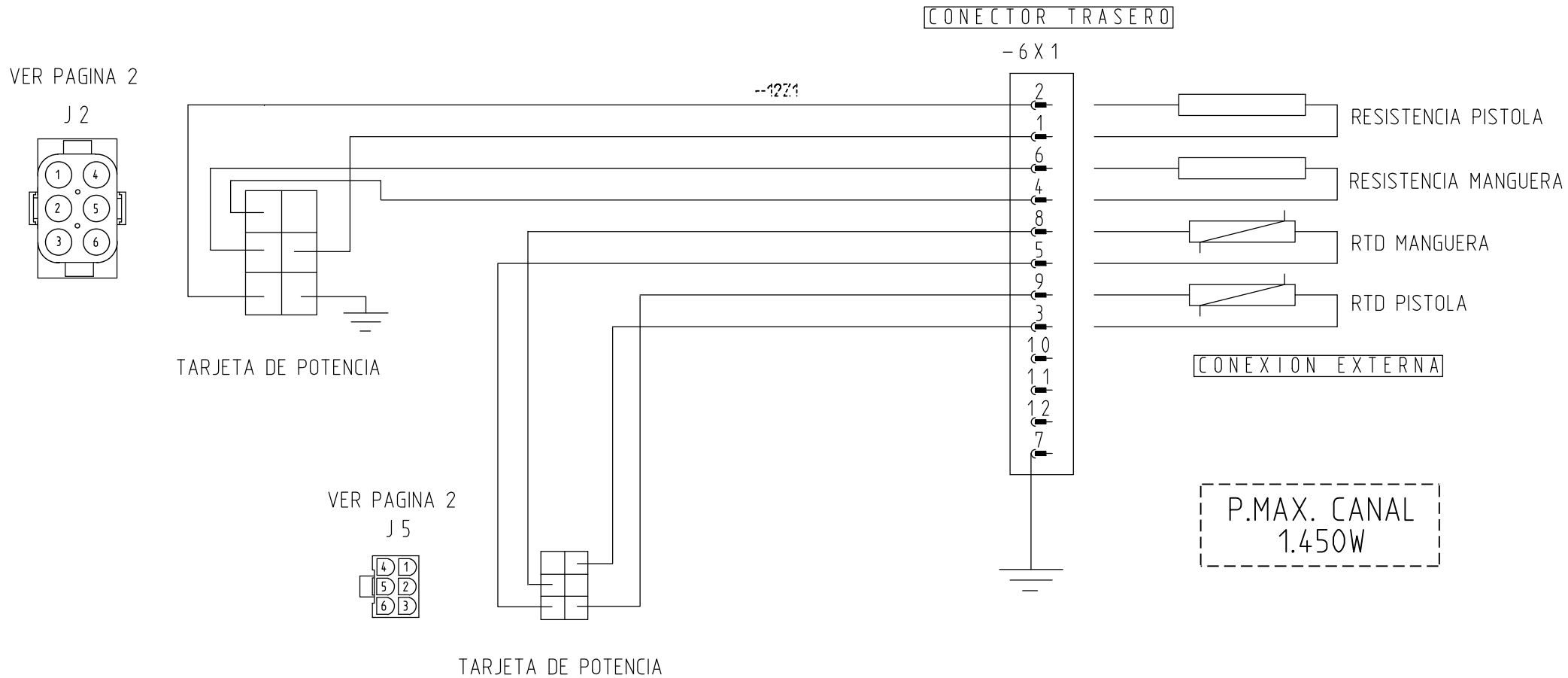
CONEXION EXTERNA

P.MAX. CANAL
1.450W

USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: MANG.-PIST. 4						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE CONEXION MANGUERA - PISTOLA 4 NI 120		
REV:		MACHINED SURFACES	ANGULAR			
	DRAWN BY M.AYESTARAN	DECIMAL X.	DATE 20/10/2011	DRAWING NUMBER S080010100		
	CHECKED	DECIMAL X.X	SCALE S/E			
	APPROVED	DECIMAL X,XX	SHEET 10 OF	SUPERSEDES		SUPERSEDED BY



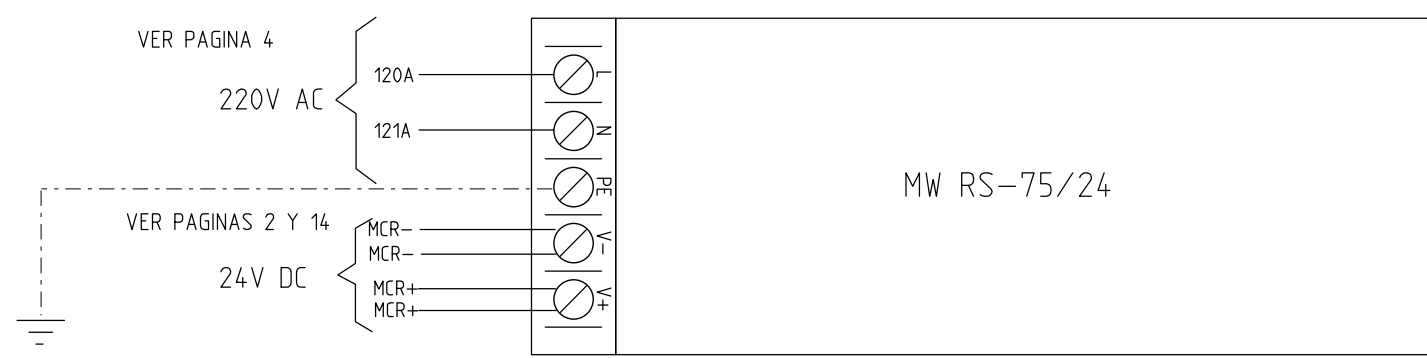
USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: MANG.-PIST. 5						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE CONEXION MANGUERA - PISTOLA 5 NI 120		
REV:		ALL DIMENSIONS IN MILLIMETERS MACHINED SURFACES <input checked="" type="checkbox"/> ANGULAR				
	DRAWN BY M.AYESTARAN	DECIMAL X.	DATE 26/10/2011	DRAWING NUMBER S080010100		
	CHECKED	DECIMAL X.X	SCALE S/E			
	APPROVED	DECIMAL X.XX	SHEET 1 1 OF	SUPERSEDES		SUPERSEDED BY



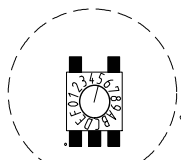
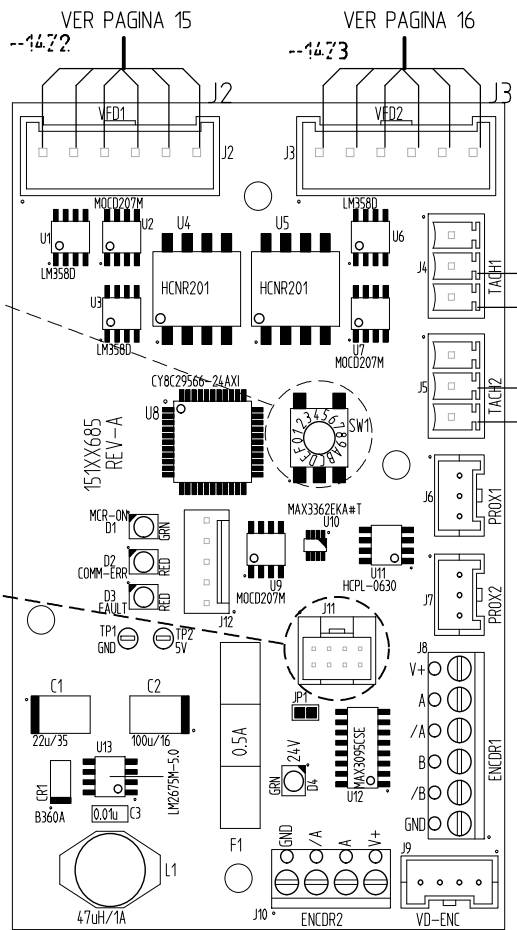
USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: MANG.-PIST. 6						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE CONEXION MANGUERA - PISTOLA 6 NI 120		
REV:		ALL DIMENSIONS IN MILLIMETERS MACHINED SURFACES <input checked="" type="checkbox"/> ANGULAR				
	DRAWN BY M.AYESTARAN	DECIMAL X.	DATE 26/10/2011	DRAWING NUMBER S080010100		
	CHECKED	DECIMAL X.X	SCALE S/E			
	APPROVED	DECIMAL X,XX	SHEET 12 OF	SUPERSEDES		SUPERSEDED BY

FUENTE DE ALIMENTACION

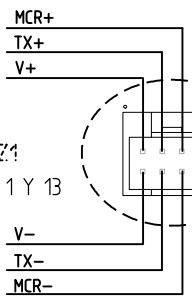
13F1



USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.			
MTL: F.A.							
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE CONEXION FUENTE DE ALIMENTACION FLEXMELT 2 BOMBAS			
REV:		ALL DIMENSIONS IN MILLIMETERS		DATE 20/10/2011 DRAWING NUMBER S080010100			
		MACHINED SURFACES <input checked="" type="checkbox"/>	ANGULAR <input type="checkbox"/>	SCALE S/E		SUPERSEDES	
	DRAWN BY M.AYESTARAN	DECIMAL X	SHEET 13 OF		SUPERSEDED BY		
	CHECKED	DECIMAL X,X					
	APPROVED	DECIMAL X,XX					

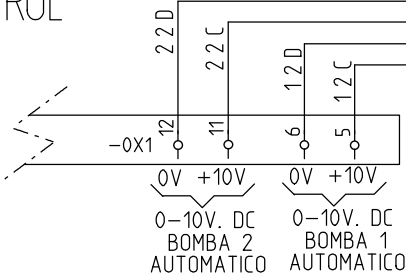


ESTA TARJETA ES EL NODO 5



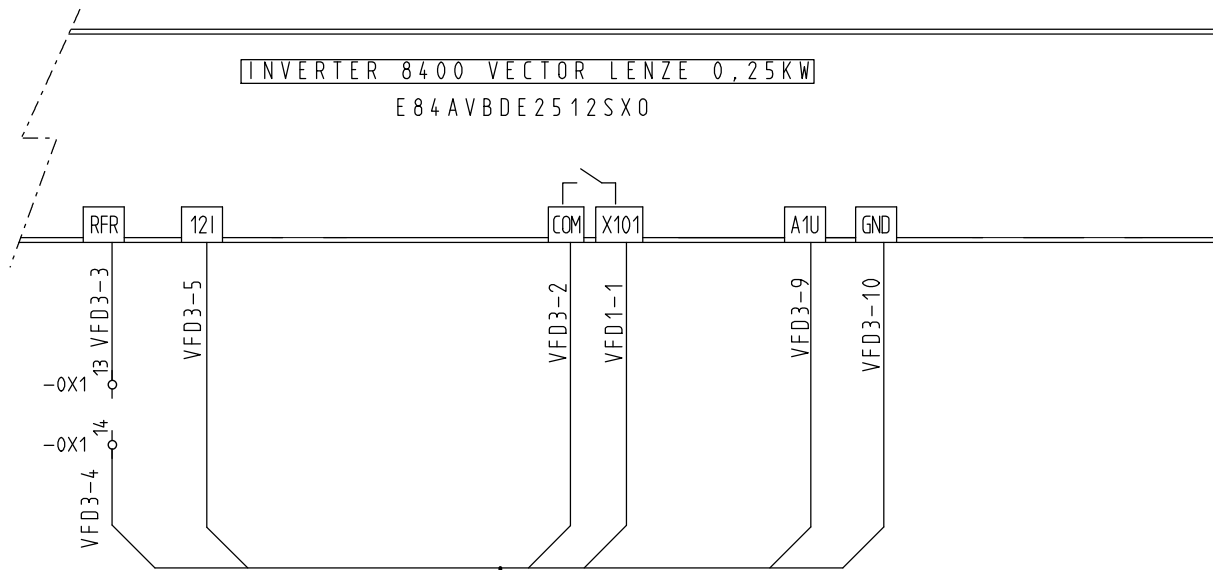
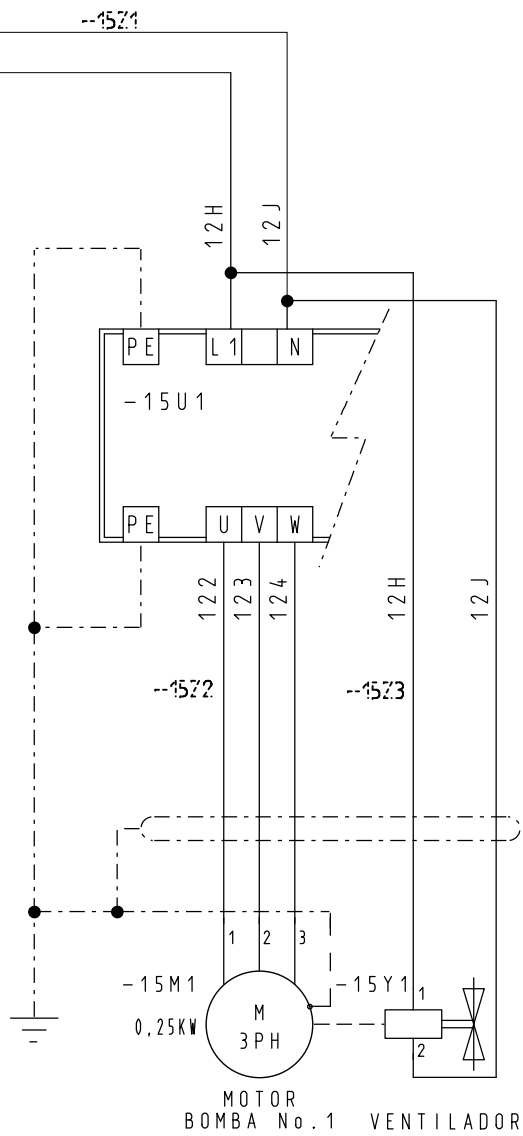
--14.7.1
VER PAGINAS 1 Y 13

14U1
VFD1-2 CONTROL



USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.		
MTL: VFD CONTROL						
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURR) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE		
REV:		ALL DIMENSIONS IN MILLIMETERS	CONEXION			
		MACHINED SURFACES	✓	ANGULAR	TARJETA CONTROL VFD1-2 FLEXMELT 2 BOMBAS	
	DRAWN BY M.AYESTARAN	DECIMAL X.	DATE 26/10/2011		DRAWING NUMBER	
	CHECKED	DECIMAL X.X	SCALE S/E		S080010100	
	APPROVED	DECIMAL X.XX	SHEET 14 OF		SUPERSEDES	
					SUPERSEDED BY	

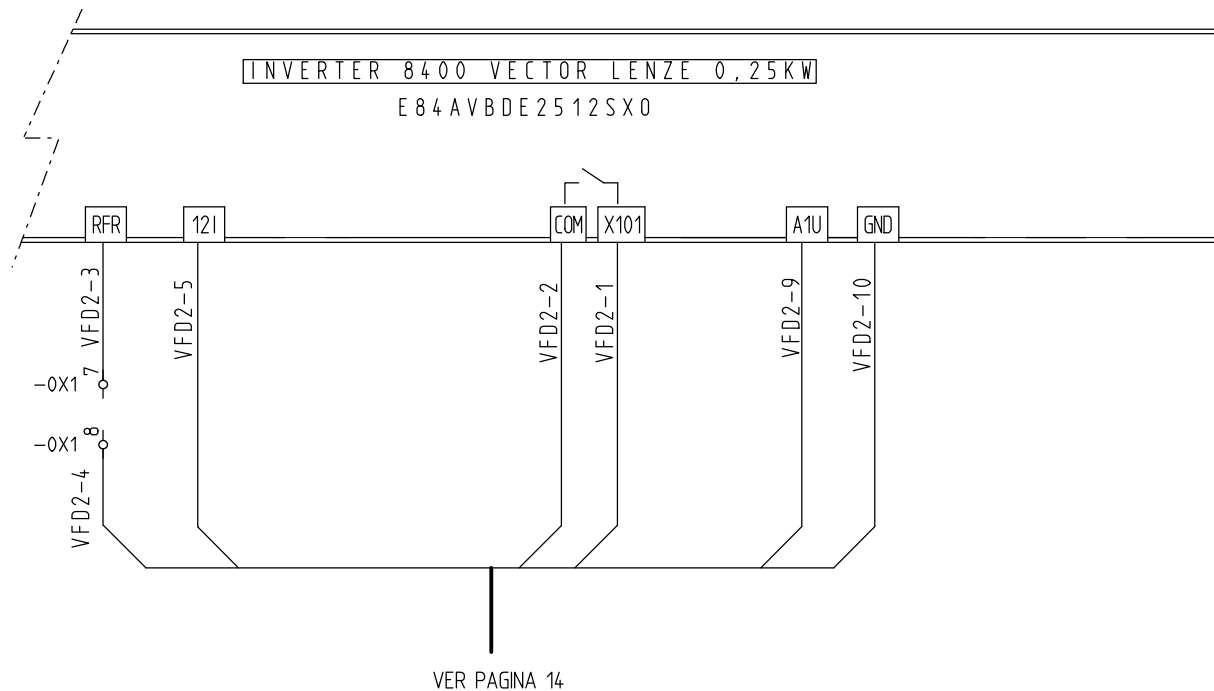
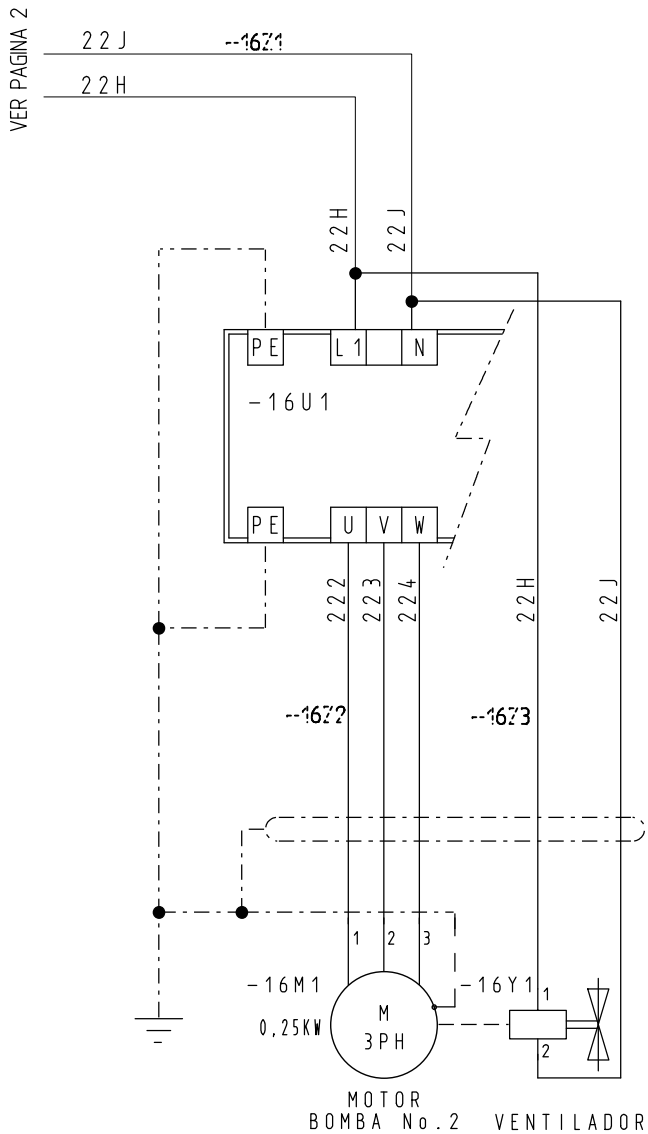
VER PAGINA 2



VER PAGINA 14

MOTOR
BOMBA No.1 VENTILADOR

USED ON:	<small>THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.</small>			<small>PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.</small>		
MTL: MOTOR 1						
FINISH:	<small>BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)</small>	TOLERANCES - EXCEPT AS NOTED		TITLE CONEXION MOTOR BOMBA 1		
REV:		<small>ALL DIMENSIONS IN MILLIMETERS</small> MACHINED SURFACES <input checked="" type="checkbox"/> ANGULAR				
	DRAWN BY M.AYESTARAN	DECIMAL X.	DATE 26/10/2011	DRAWING NUMBER S080010100		
	CHECKED	DECIMAL X.X	SCALE S/E			
	APPROVED	DECIMAL X.XX	SHEET 15 OF	SUPERSEDES		SUPERSEDED BY



USED ON:	THREAD LENGTH DIMENSIONS ARE FULL THREAD HOLES TO BE CHAMFERED ONE THREAD DEPTH MAX UNLESS OTHERWISE SPECIFIED.			PROPERTY CONTAINING PROPRIETARY INFORMATION WHICH MUST NOT BE REPRODUCED OR DISCLOSED WITHOUT WRITTEN PERMISSION AND MUST BE RETURNED UPON DEMAND.	
M/L: MOTOR 2					
FINISH:	BREAK ALL SHARP EDGES & CORNERS (DEBURRI) UNLESS OTHERWISE SPECIFIED (0,4 mm MAX)	TOLERANCES - EXCEPT AS NOTED		TITLE	
REV:		ALL DIMENSIONS IN MILLIMETERS		MOTOR PUMP 2 CONNECTION	
	DRAWN BY M.AYESTARAN	MACHINED SURFACES	ANGULAR	DATE	DRAWING NUMBER
		DECIMAL	X	26/10/2011	S080010100
	CHECKED	DECIMAL	X,X	SCALE	S/E
	APPROVED	DECIMAL	X,XX	SHEET 16 OF	SUPERSEDES
					SUPERSEDED BY

FM08/14 NI120

S080010201



Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

COVER PAGE

PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES	REVISION
				1
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE	SCHEME
0	17/05/2013	mayestaran		01

Drawing	Function	Location	Revision	Date	Created by	Description	Folder mark	Folder designation
01	F1	V1	0	17/05/2013	mayestaran	Cover page		
02	F1	V1	0	17/05/2013	mayestaran	Drawing list		
03	F1	V1	0	17/05/2013	mayestaran	Wiring line diagram		
04	F1	V1	0	17/05/2013	mayestaran	SERVICE WIRES		
05	F1	V1	0	17/05/2013	mayestaran	POWER SUPPLY		
06	F1	V1	0	20/05/2013	mayestaran	MANIFOLDS		
07	F1	V1	0	20/05/2013	mayestaran	CHANNELS 1 AND 2		
08	F1	V1	0	20/05/2013	mayestaran	CHANNELS 3 AND 4		
09	F1	V1	0	21/05/2013	mayestaran	CHANNELS 5 AND 6		
10	F1	V1	0	21/05/2013	mayestaran	VFD 1 BOARD		
11	F1	V1	0	21/05/2013	mayestaran	MOTOR 1		
12	F1	V1	0	21/05/2013	mayestaran	MOTOR 2		
13	F1	V1	0	20/05/2013	mayestaran	COMMUNICATION		
14	F1	V1	0	13/06/2013	mayestaran	CPU BOARD		
15	F1	V1	0	09/09/2013	mayestaran	CPU BOARD		
16	F1	V1	0	01/07/2013	mayestaran	AUXILIARY I/O		
17	F1	V1	0	01/07/2013	mayestaran	PNEUMATIC VALVE		
18	F1	V1	0	10/09/2013	mayestaran	Bill of materials		
19	F1	V1	0	10/09/2013	mayestaran	Bill of materials		
20	F1	V1	0	10/09/2013	mayestaran	Bill of materials		
21	F1	V1	0	10/09/2013	mayestaran	Bill of materials		
22	F1	V1	0	10/09/2013	mayestaran	List of wires		
23	F1	V1	0	10/09/2013	mayestaran	List of wires		
24	F1	V1	0	10/09/2013	mayestaran	List of wires		
25	F1	V1	0	10/09/2013	mayestaran	List of wires		
26	F1	V1	0	10/09/2013	mayestaran	List of wires		
27	F1	V1	0	10/09/2013	mayestaran	List of wires		
28	F1	V1	0	10/09/2013	mayestaran	List of wires		
29	F1	V1	0	10/09/2013	mayestaran	List of wires		
30	F1	V1	0	23/09/2013	mayestaran	List of wires		
31	F1	V1	0	10/09/2013	mayestaran	List of the cables		
32	F1	V1	0	10/09/2013	mayestaran	List of the cables		
33	F1	V1	0	10/09/2013	mayestaran	List of the cables		



Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcosen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

DRAWING LIST

PROJECT: S080010201

FM08/14 NI120

REV.	DATE	NAME	CHANGES	REVISION
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE	1
0	17/05/2013	mayestaran		02

1

2

3

4

5

6

7

8

9

10



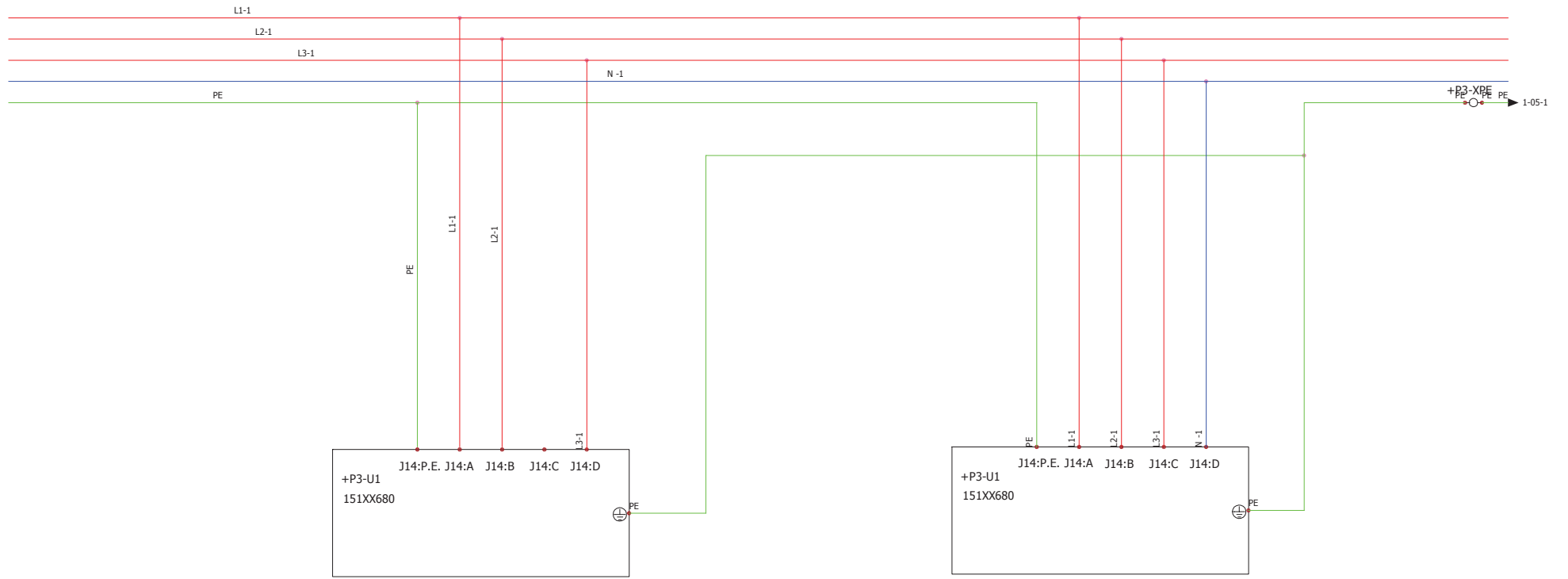
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

WIRING LINE DIAGRAM

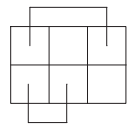
PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE
0	17/05/2013	mayestaran	

REVISION
 1
 SCHEME
 03

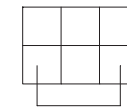


JUMPER 029XX435



OPTION A
230III + T

JUMPER 029XX437



OPTION B
380III + N + T



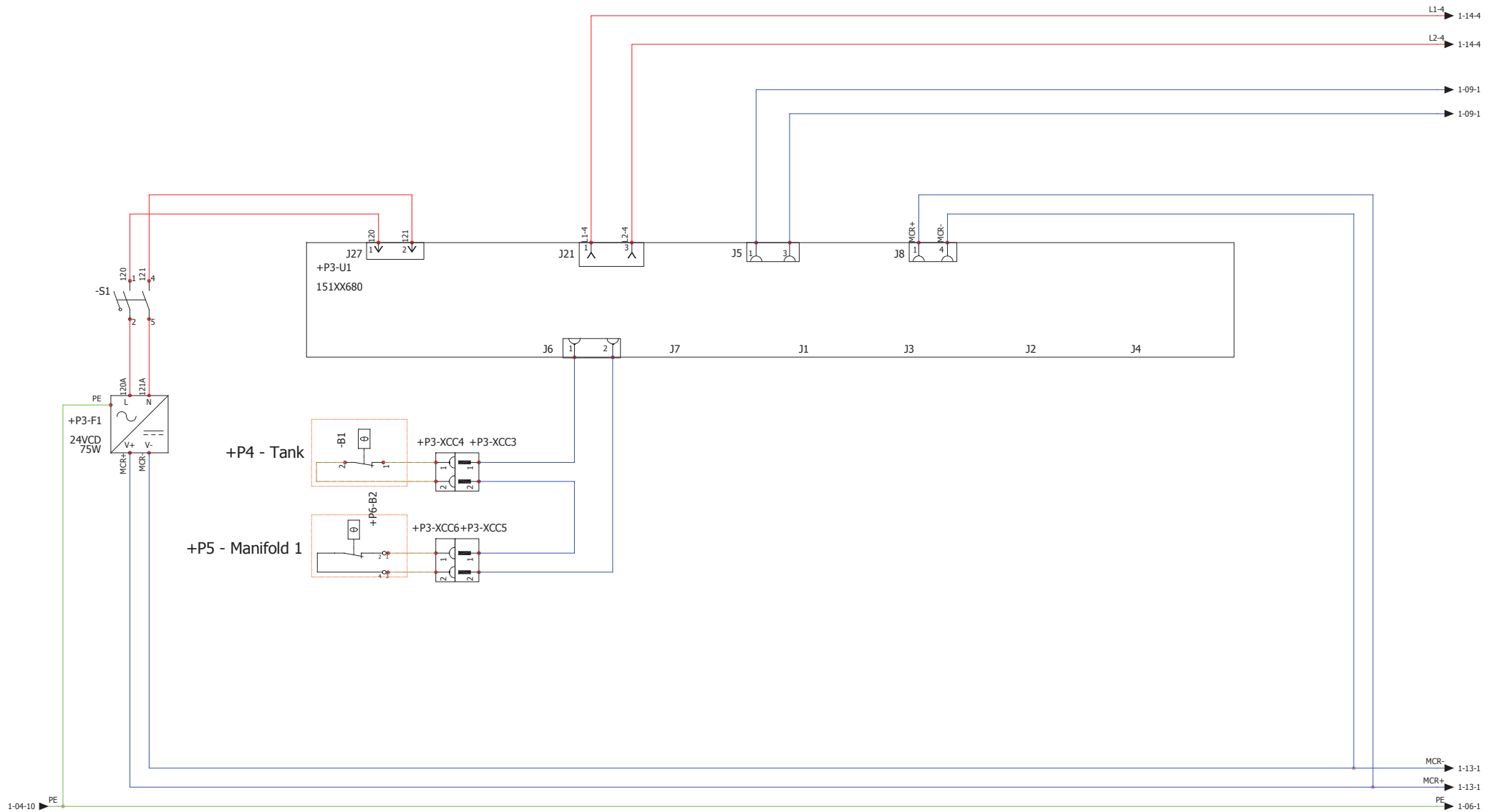
Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

230III + T / 380 III + N + T
SERVICE WIRES

PROJECT: S080010201 FM08/14 NI120

1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE
0	17/05/2013	mayestaran	
REV.	DATE	NAME	CHANGES

REVISION
1
SCHEME
04

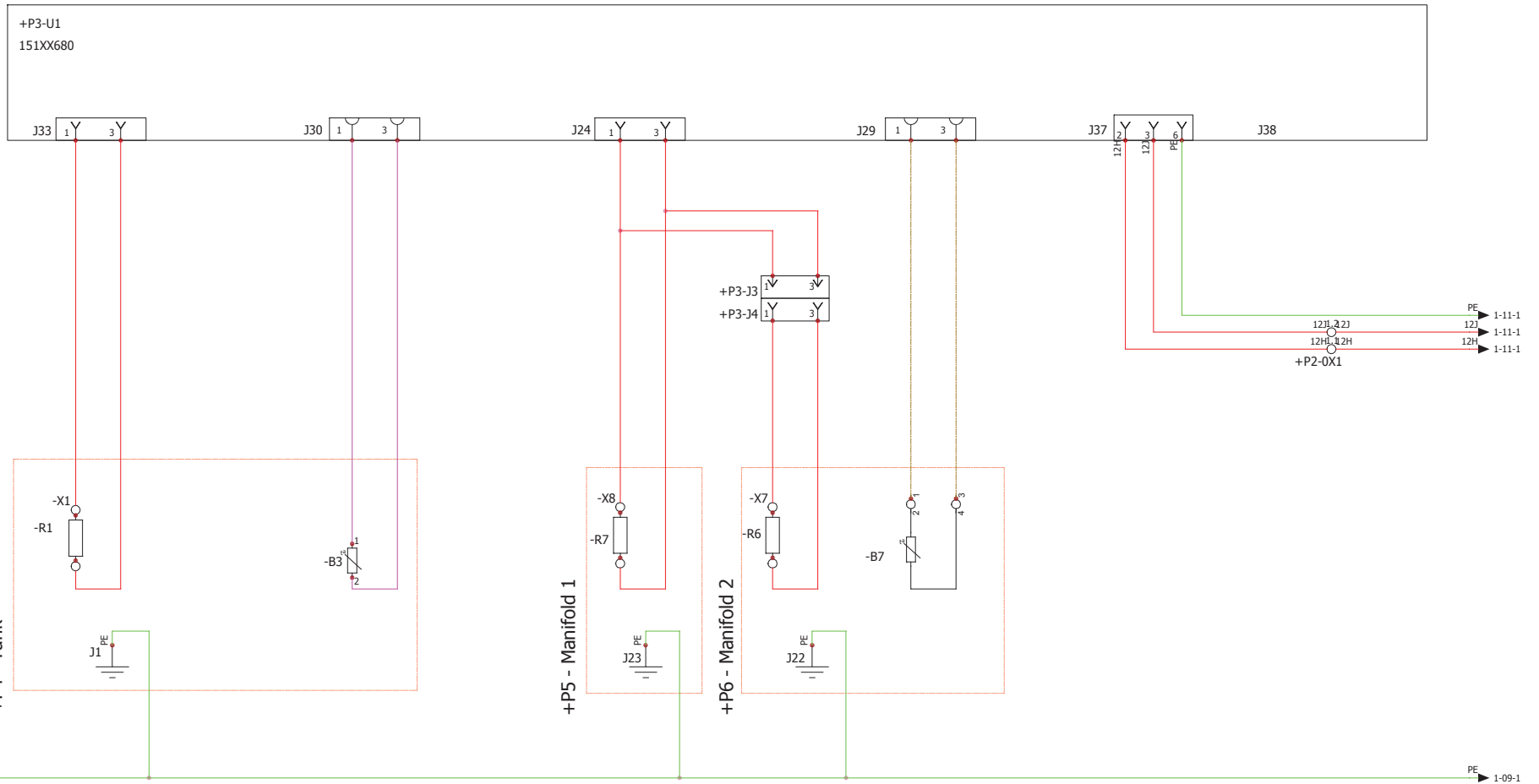


Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcosen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

POWER SUPPLY AND THERMOSTATS

PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES	REVISION
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE	1
0	17/05/2013	mayestaran		05
			CHANGES	

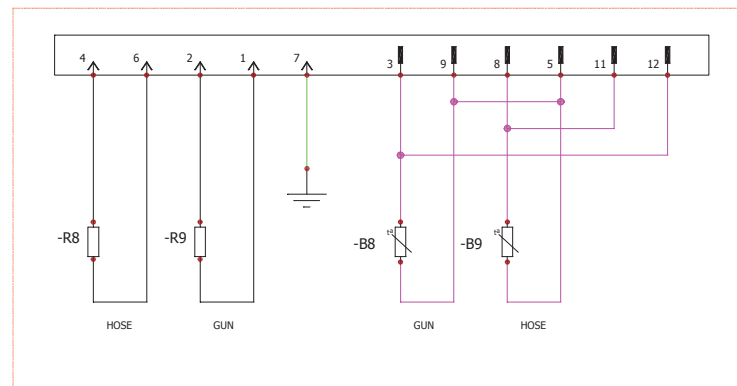
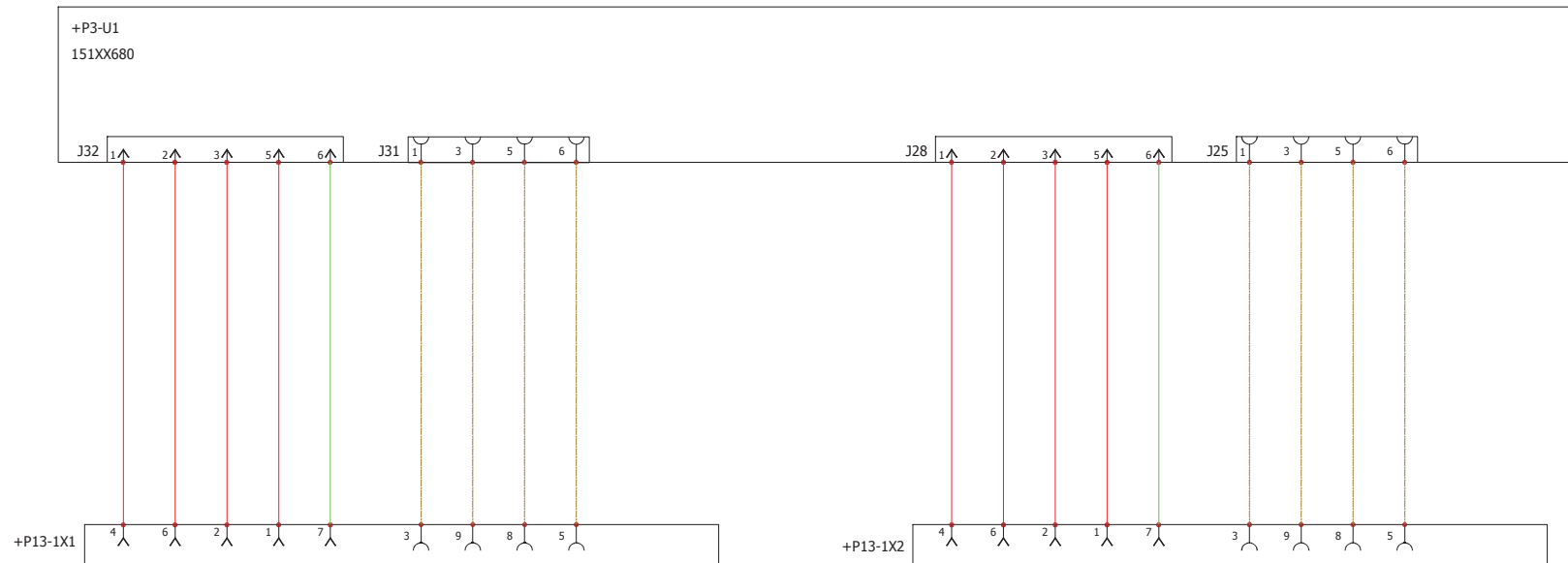


Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcosen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

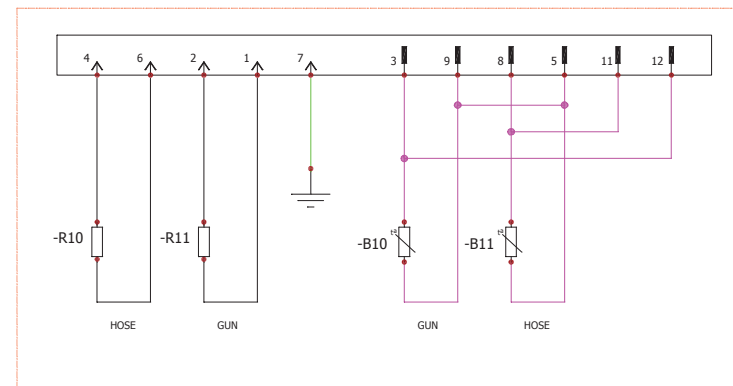
TANK AND MANIFOLDS HEATERS AND RTD

PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES	REVISION
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE	1
0	20/05/2013	mayestaran		06
			CHANGES	



+P14 - External connection
P.MAX CHANNEL 1 1.800W



+P14 - External connection
P.MAX CHANNEL 2 1.800W

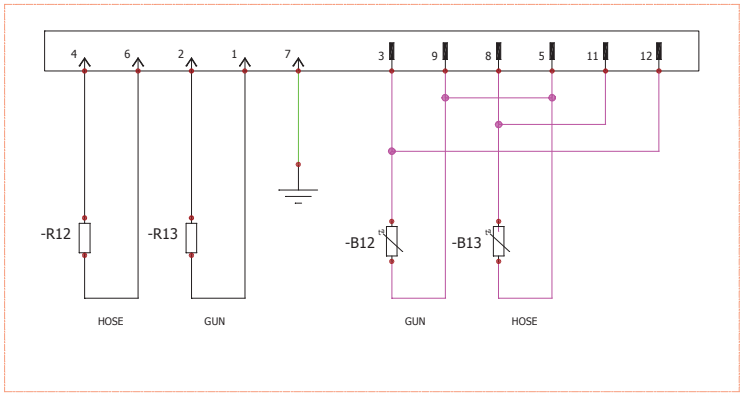
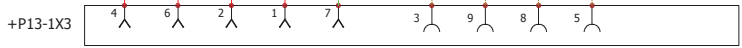


Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

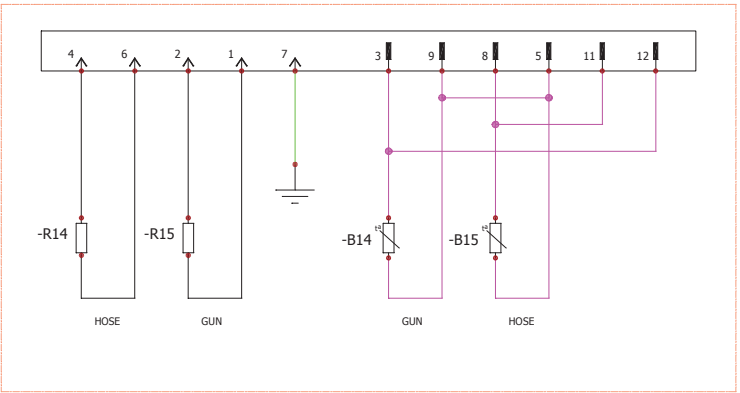
CHANNELS 1 AND 2 HOSE - GUN NI120 CONNECTION

PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES	REVISION
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE	1
0	20/05/2013	mayestaran		SCHEME
				07



+P14 - External connection
P.MAX CHANNEL 3 1.400W



+P14 - External connection
P.MAX CHANNEL 4 1.400W

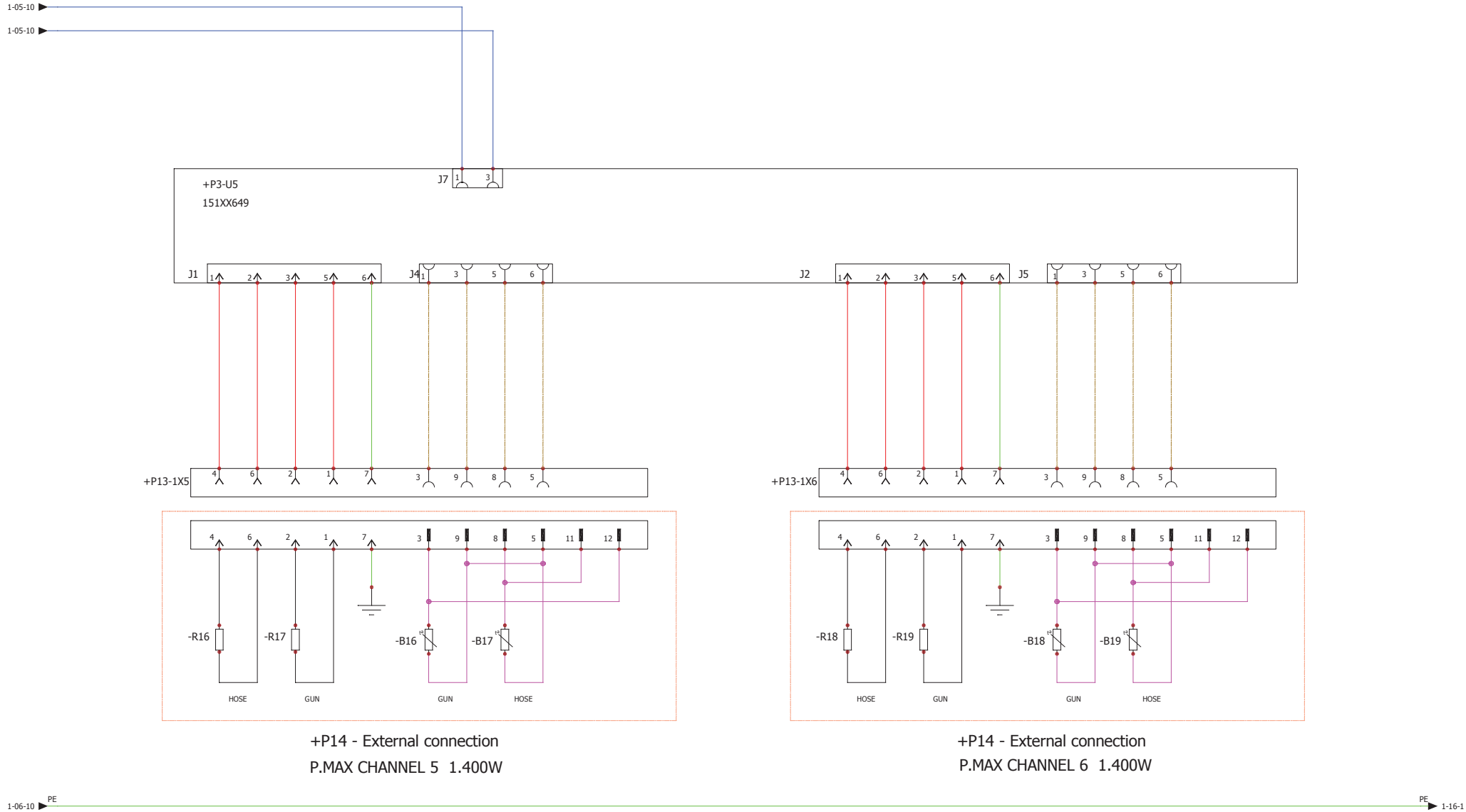


Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

CHANNELS 3 AND 4
HOSE - GUN NI120 CONNECTION

PROJECT: S080010201 FM08/14 NI120

				REVISION
				1
				SCHEME
				08
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE	
0	20/05/2013	mayestaran		
REV.	DATE	NAME	CHANGES	



+P14 - External connection
P.MAX CHANNEL 5 1.400W

+P14 - External connection
P.MAX CHANNEL 6 1.400W



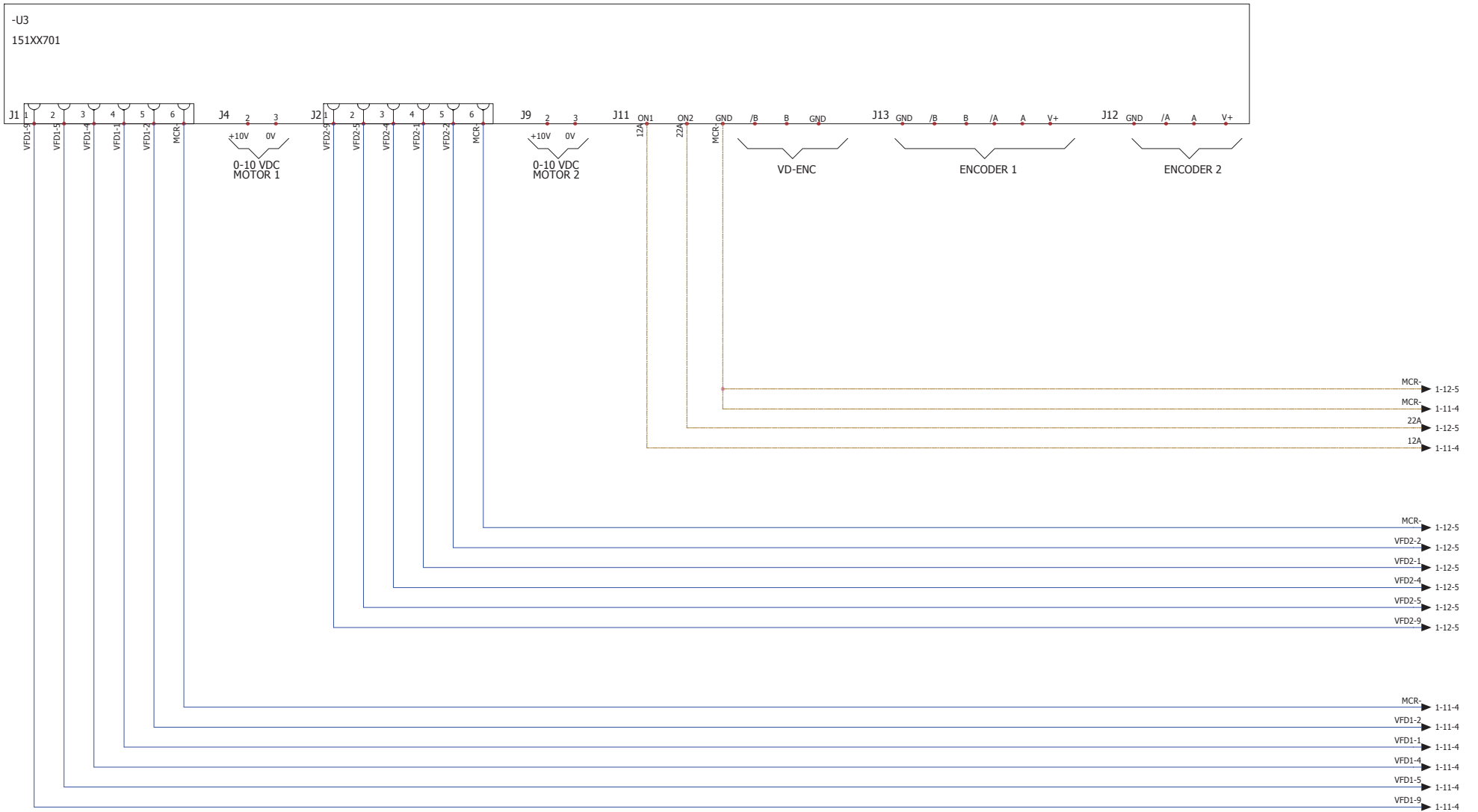
Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

CHANNELS 5 AND 6 HOSE - GUN NI120 CONNECTION

PROJECT: S080010201 FM08/14 NI120

1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE
0	21/05/2013	mayestaran	
REV.	DATE	NAME	CHANGES

REVISION
1
SCHEME
09



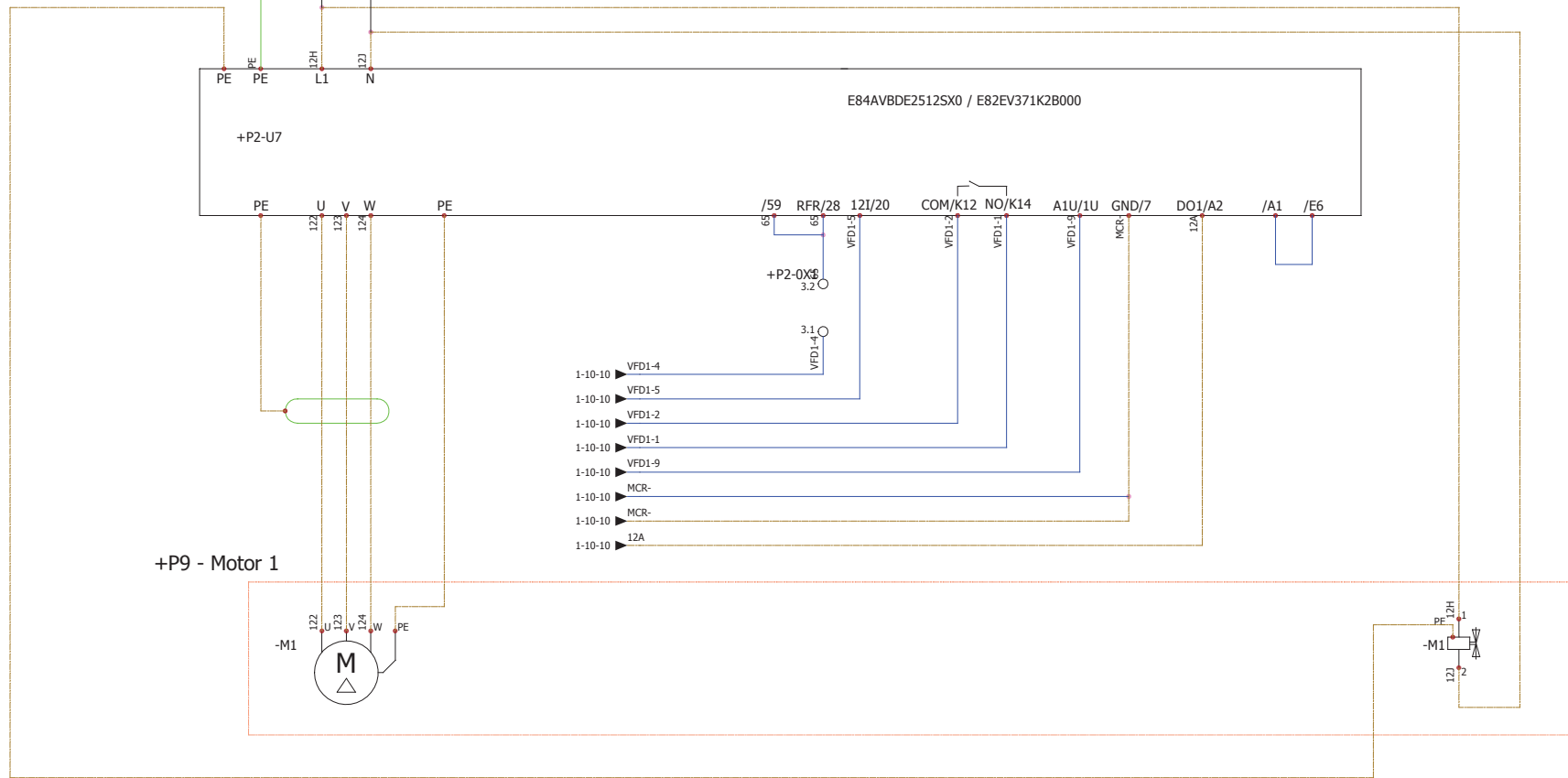
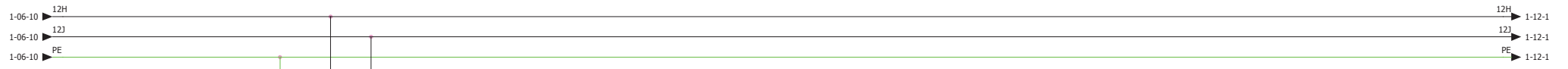
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

VFD1 BOARD CONNECTIONS MOTOR 1 AND 2 SIGNALS

PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE
0	21/05/2013	mayestaran	
			CHANGES

REVISION
1
 SCHEME
10

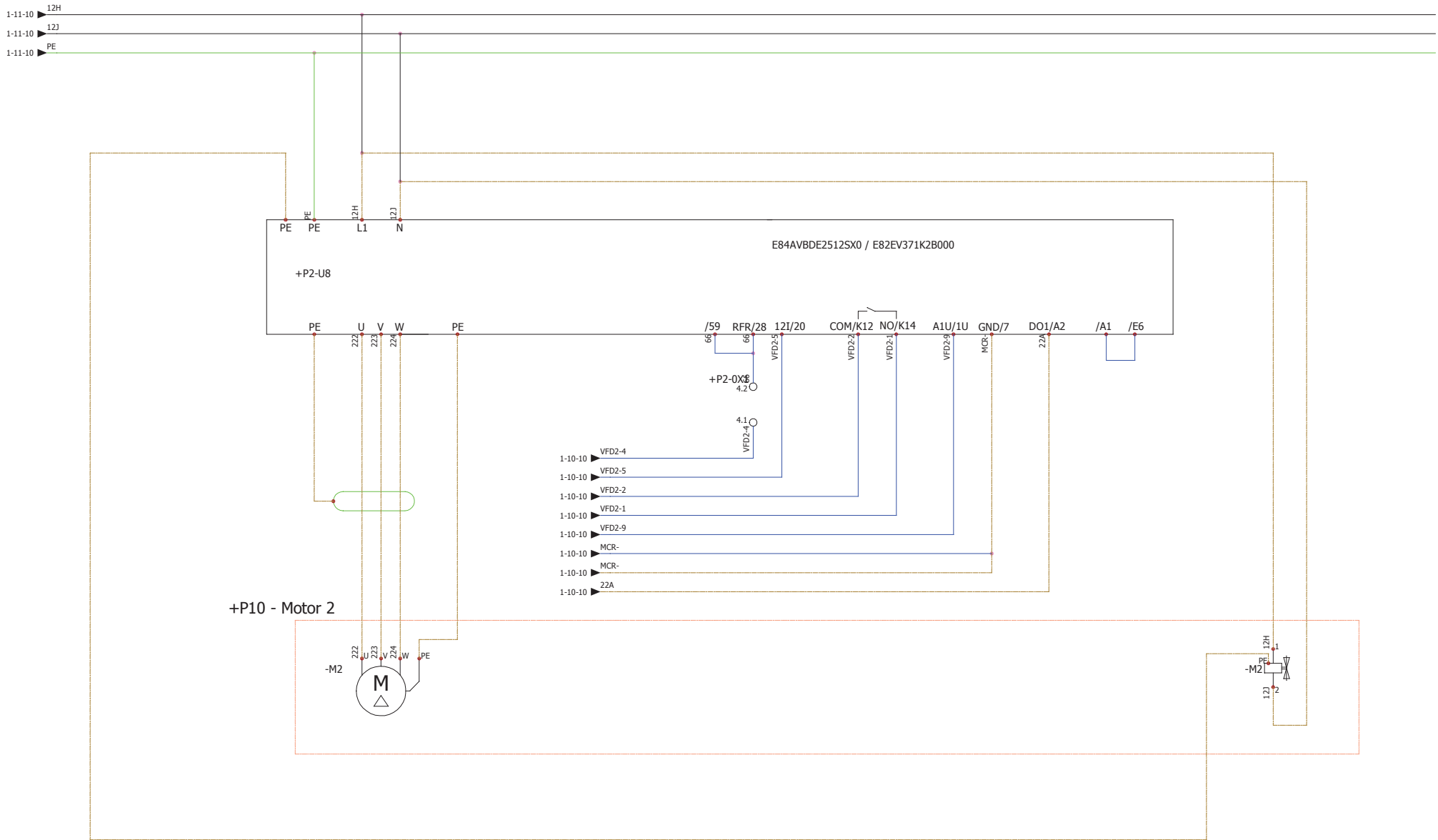


Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyo, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

MOTOR PUMP 1 CONNECTION

PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES	REVISION
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE	1
0	21/05/2013	mayestaran		SCHEME
			CHANGES	11



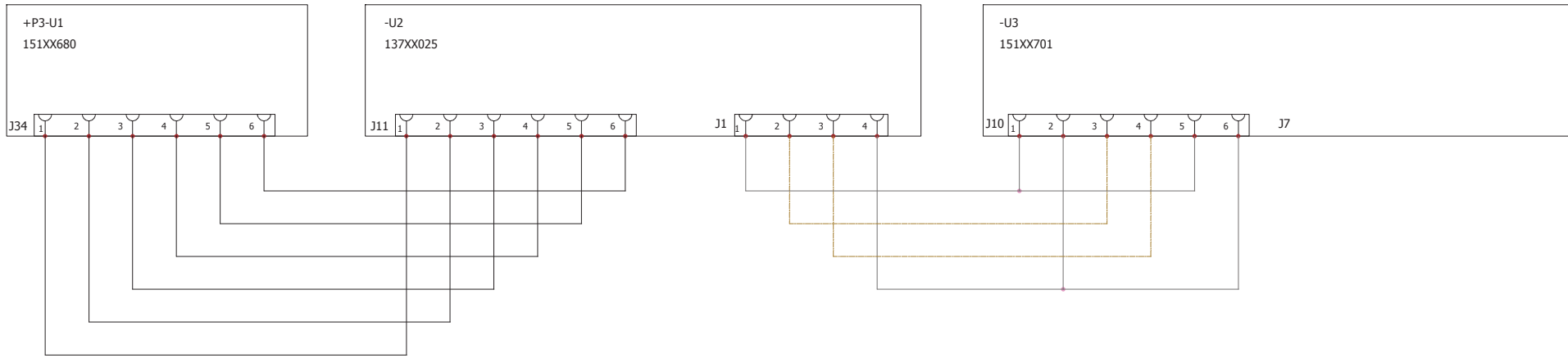
Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyo, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

MOTOR PUMP 2
CONNECTION

PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE
0	21/05/2013	mayestaran	
			CHANGES

REVISION
1
SCHEME
12



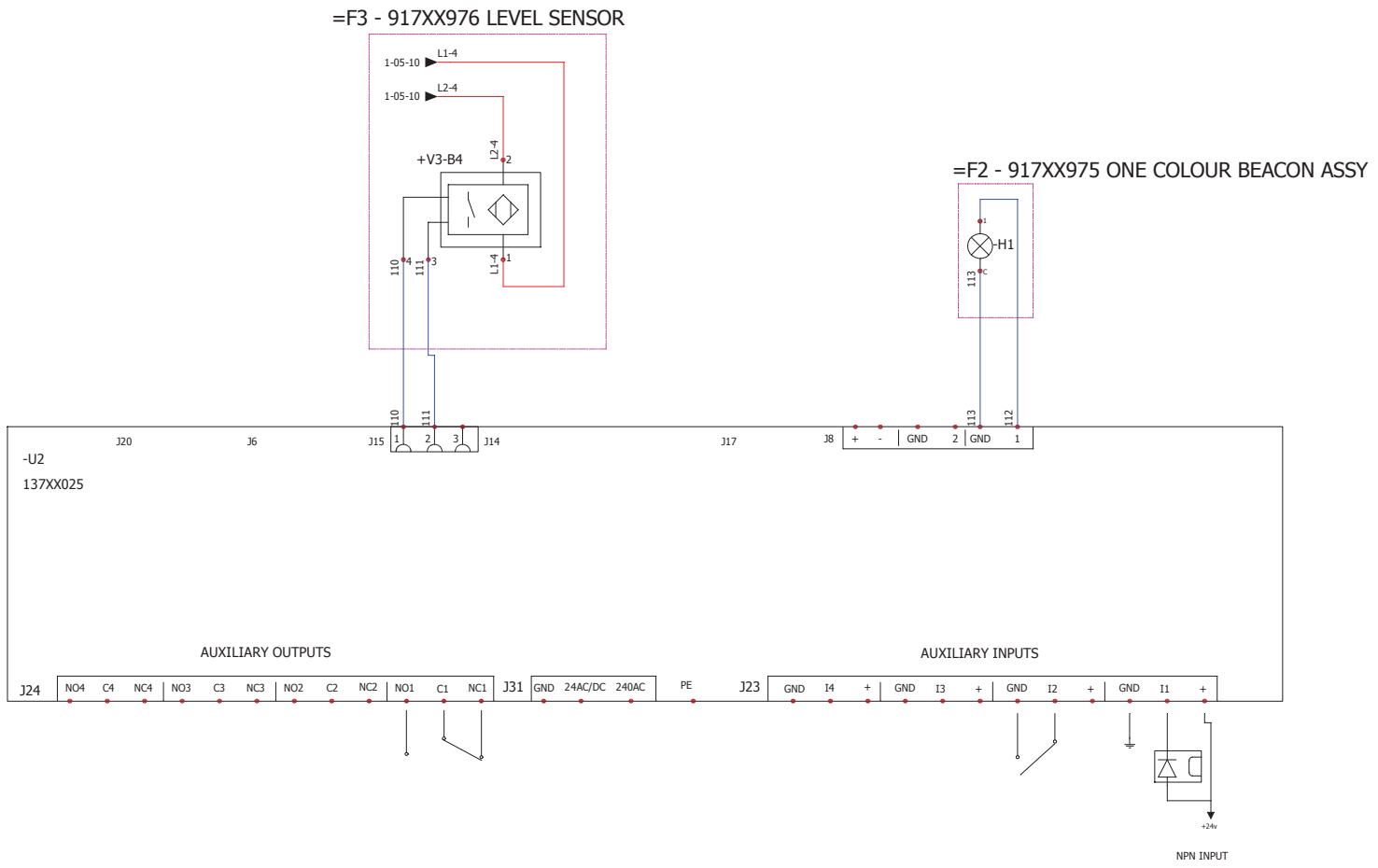
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

CONTROL, POWER AND VFD1 BOARDS COMMUNICATION

PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE
0	20/05/2013	mayestaran	
			CHANGES

REVISION
1
 SCHEME
13



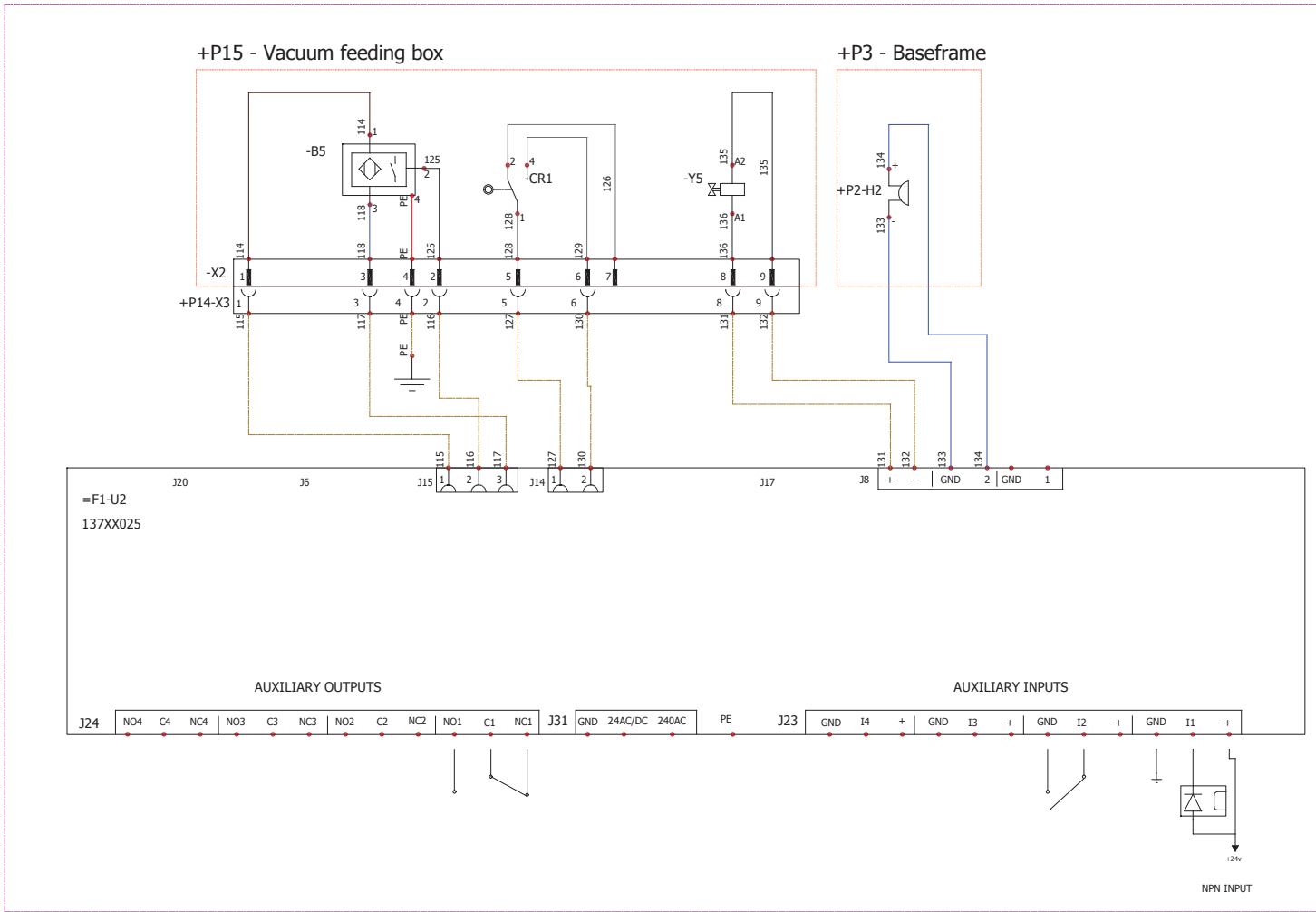
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

ALARMS, LOW LEVEL AUXILIARY INPUTS AND OUTPUTS

PROJECT: S080010201 FM08/14 NI120

				REVISION
				1
				SCHEME
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE	14
0	13/06/2013	mayestaran		
REV.	DATE	NAME	CHANGES	

=F5 - 988XX118 VACUUM FEEDING SYSTEM FM08/FM14/FM30



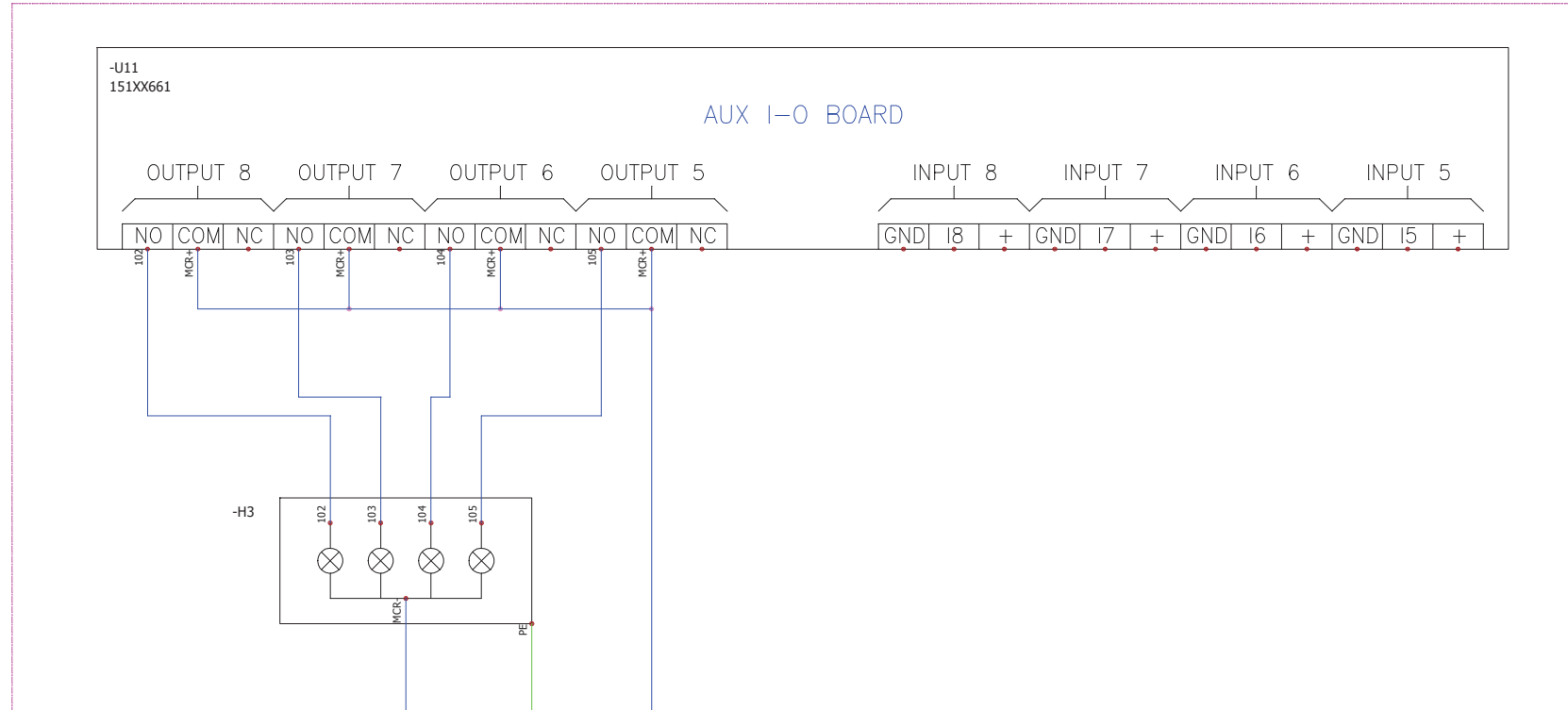
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

VACUUM FEEDING SYSTEM
 AUXILIARY INTPUTS AND OUTPUTS

PROJECT: S080010201 FM08/14 NI120

				REVISION
				1
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE	SCHEME
0	09/09/2013	mayestaran		15
REV.	DATE	NAME	CHANGES	

=F7 - 988XX784 BEACON ASSEMBLY 4 COLOURS



Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcosen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

4 COLOURS BEACON
 AUXILIARY INPUTS/OUTPUTS BOARD

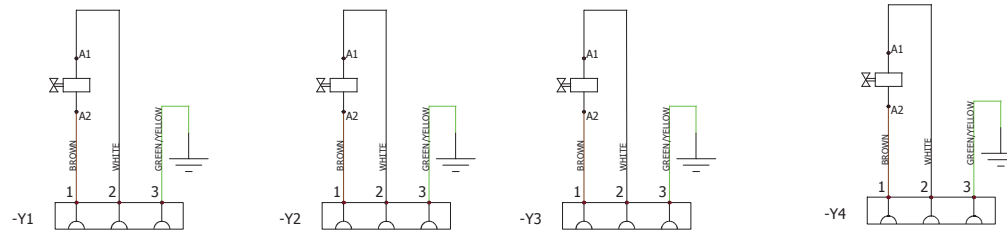
PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE
0	01/07/2013	mayestaran	

REVISION
 1
 SCHEME
 16

=F4 - 917XX971 PNEUMATIC PRESSURE RELIEVE VALVE

+P16 - Right lateral baseframe plate



Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

VALVE CONNECTION
PNEUMATIC PRESSURE RELIEVE VALVE

PROJECT: S080010201 FM08/14 NI120

REV.	DATE	NAME	CHANGES
1	21/10/2015	mayestaran	PM 18674 CPU BOARD CHANGE
0	01/07/2013	mayestaran	

REVISION

1

SCHEME

17

FM30L NI120

S080020201



Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

COVER PAGE

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES	REVISION
1	22/10/2015	mayestaran	PM18674 CPU board change	1
0	17/05/2013	mayestaran		01

Drawing	Function	Location	Revision	Date	Created by	Description	Folder mark	Folder designation
01	F1	L1	0	17/05/2013	mayestaran	Cover page		
02	F1	L1	0	17/05/2013	mayestaran	Drawing list		
03	F1	L1	0	17/05/2013	mayestaran	Wiring line diagram		
04	F1	L1	0	17/05/2013	mayestaran	SERVICE WIRES		
05	F1	L1	0	17/05/2013	mayestaran	POWER SUPPLY		
06	F1	L1	0	20/05/2013	mayestaran	TANK		
07	F1	L1	0	20/05/2013	mayestaran	HEATERS		
08	F1	L1	0	20/05/2013	mayestaran	MANIFOLDS		
09	F1	L1	0	20/05/2013	mayestaran	CHANNELS 1 AND 2		
10	F1	L1	0	20/05/2013	mayestaran	CHANNELS 3 AND 4		
11	F1	L1	0	21/05/2013	mayestaran	HP BOARDS		
12	F1	L1	0	21/05/2013	mayestaran	CHANNELS 5 AND 6		
13	F1	L1	0	21/05/2013	mayestaran	CHANNELS 7 AND 8		
14	F1	L1	0	21/05/2013	mayestaran	VFD 1 BOARD		
15	F1	L1	0	21/05/2013	mayestaran	VFD 2 BOARD		
16	F1	L1	0	21/05/2013	mayestaran	MOTOR 1		
17	F1	L1	0	21/05/2013	mayestaran	MOTOR 2		
18	F1	L1	0	21/05/2013	mayestaran	MOTOR 3		
19	F1	L1	0	21/05/2013	mayestaran	MOTOR 4		
20	F1	L1	0	20/05/2013	mayestaran	COMMUNICATION		
21	F1	L1	0	20/05/2013	mayestaran	COMMUNICATION		
22	F1	L1	0	22/05/2013	mayestaran	Bill of materials		
23	F1	L1	0	22/05/2013	mayestaran	Bill of materials		
24	F1	L1	0	22/05/2013	mayestaran	Bill of materials		
25	F1	L1	0	27/05/2013	mayestaran	List of wires		
26	F1	L1	0	27/05/2013	mayestaran	List of wires		
27	F1	L1	0	27/05/2013	mayestaran	List of wires		
28	F1	L1	0	27/05/2013	mayestaran	List of wires		
29	F1	L1	0	27/05/2013	mayestaran	List of wires		
30	F1	L1	0	27/05/2013	mayestaran	List of wires		
31	F1	L1	0	27/05/2013	mayestaran	List of wires		
32	F1	L1	0	27/05/2013	mayestaran	List of wires		
33	F1	L1	0	27/05/2013	mayestaran	List of wires		



Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcosen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

DRAWING LIST

PROJECT: S080020201

FM30L NI120

REV.	DATE	NAME	CHANGES	REVISION
1	22/10/2015	mayestaran	PM18674 CPU board change	1
0	17/05/2013	mayestaran		02
			CHANGES	

1

2

3

4

5

6

7

8

9

10



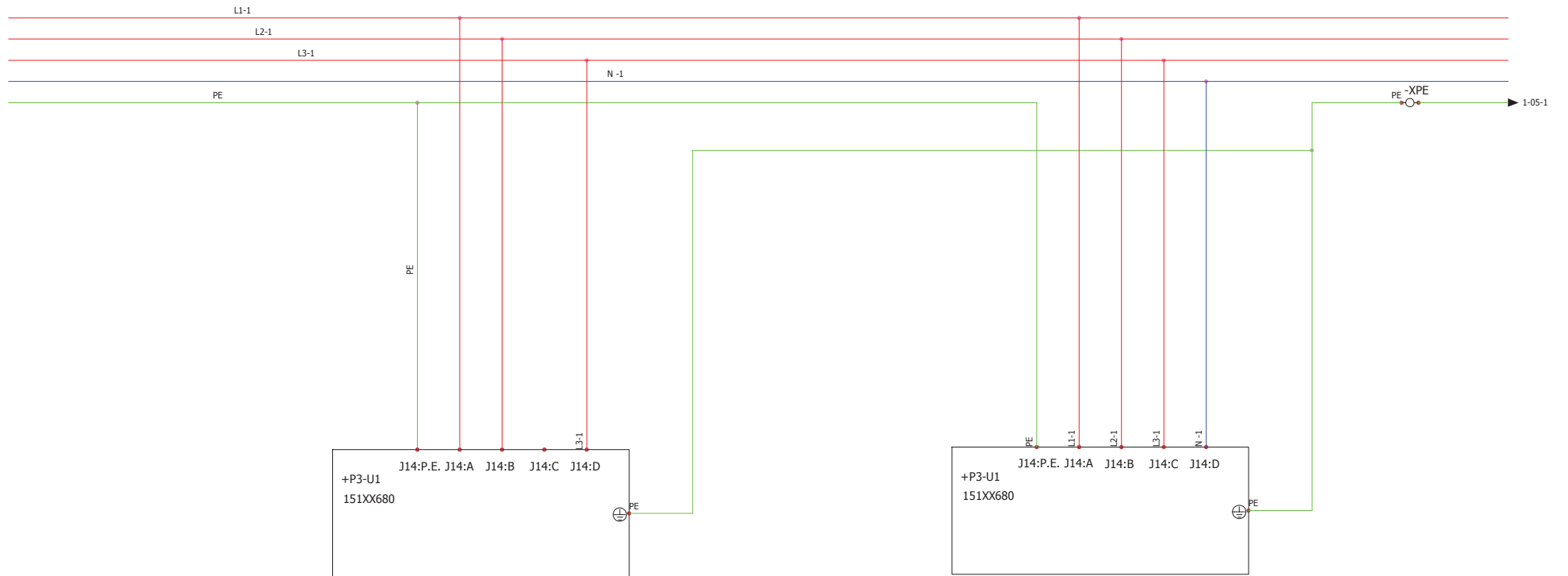
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

WIRING LINE DIAGRAM

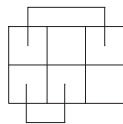
PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES
1	22/10/2015	mayestaran	PM18674 CPU board change
0	17/05/2013	mayestaran	

REVISION
 1
 SCHEME
 03

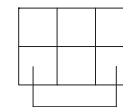


JUMPER 029XX435



OPTION A
230III + T

JUMPER 029XX437



OPTION B
380III + N + T



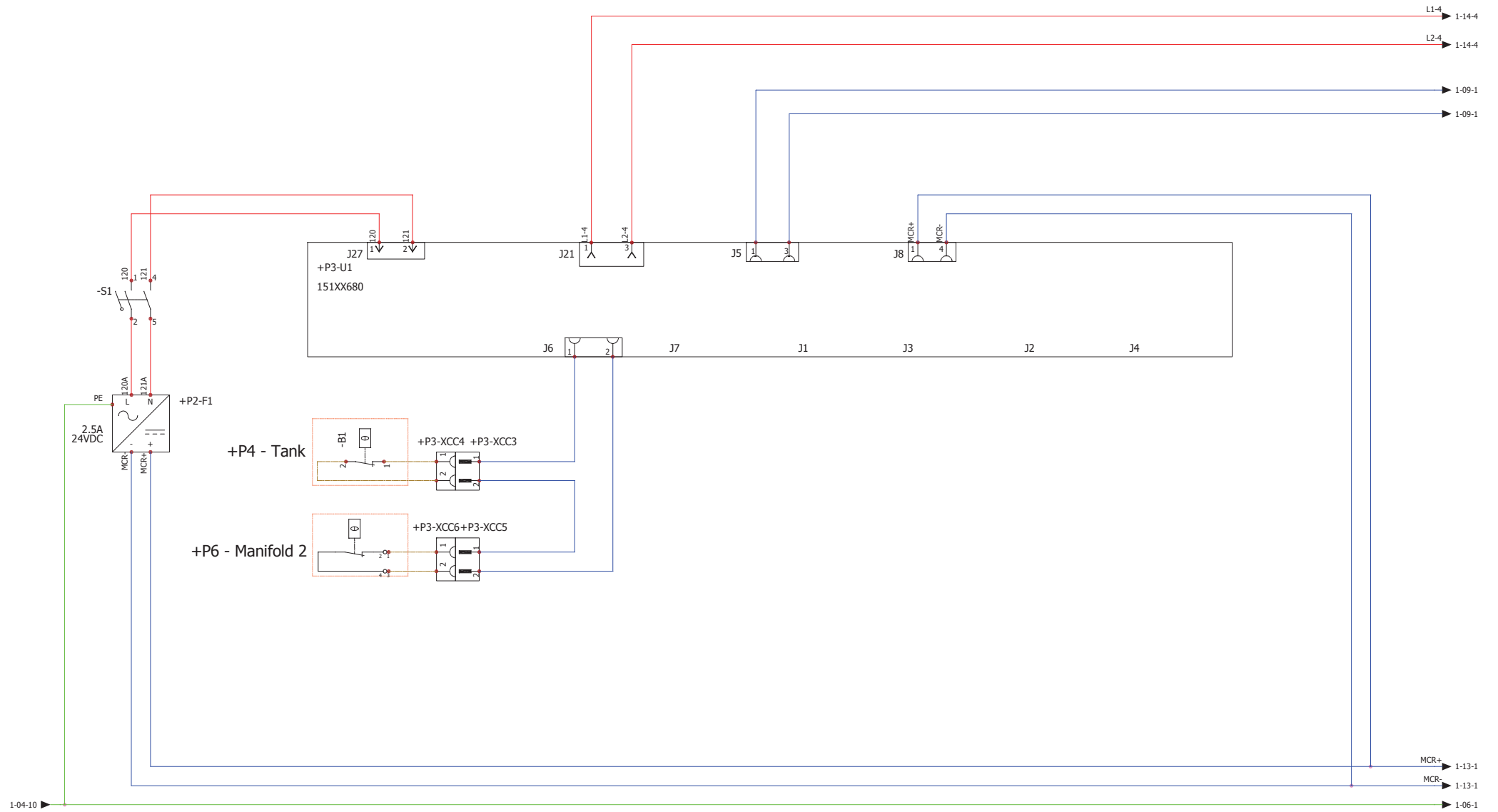
Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyo, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

230III + T / 380 III + N + T
SERVICE WIRES

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES
1	22/10/2015	mayestaran	PM18674 CPU board change
0	17/05/2013	mayestaran	
			CHANGES

REVISION
1
SCHEME
04

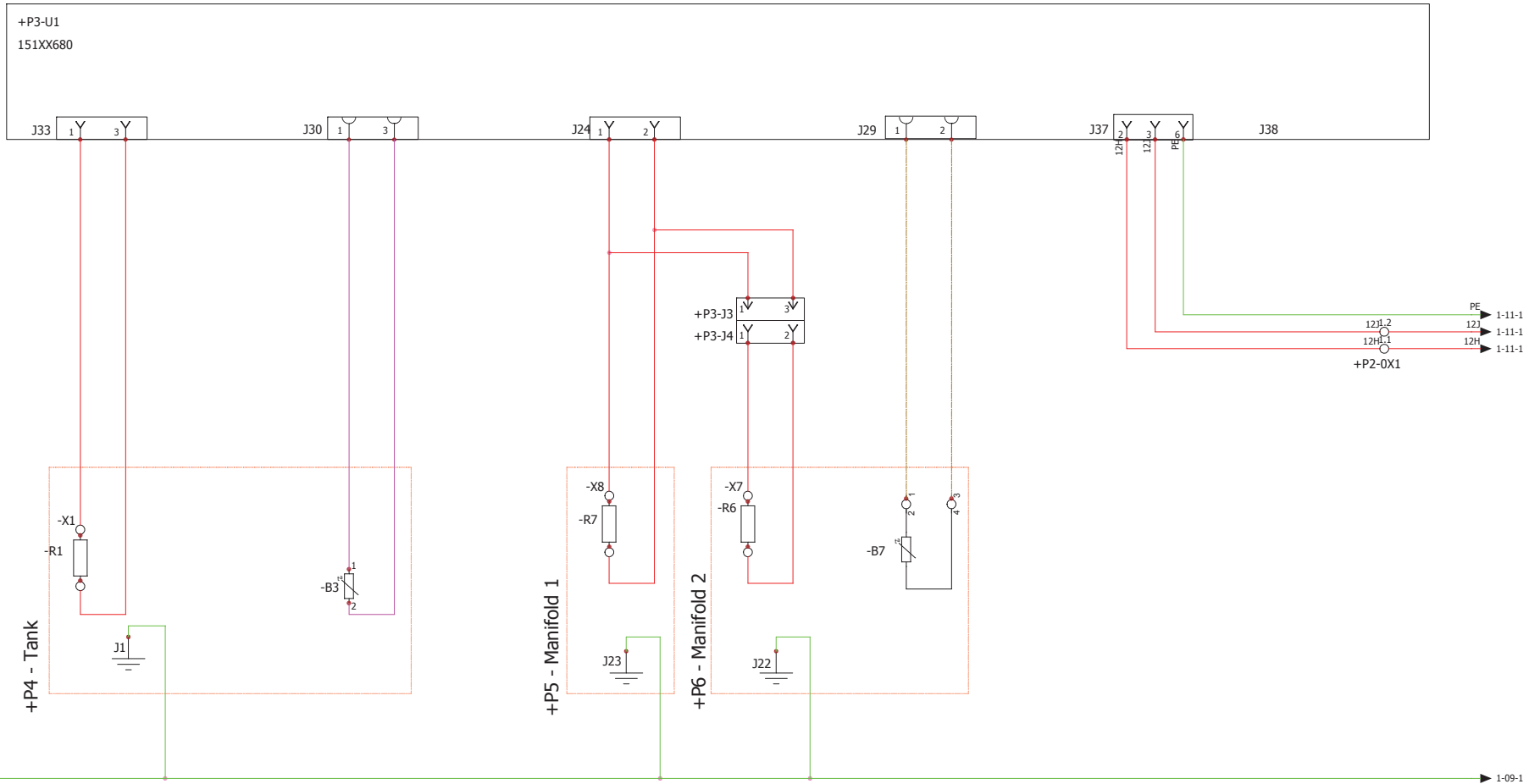


Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyoen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

POWER SUPPLY AND THERMOSTATS

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES	REVISION
1	22/10/2015	mayestaran	PM18674 CPU board change	1
0	17/05/2013	mayestaran		05
			CHANGES	



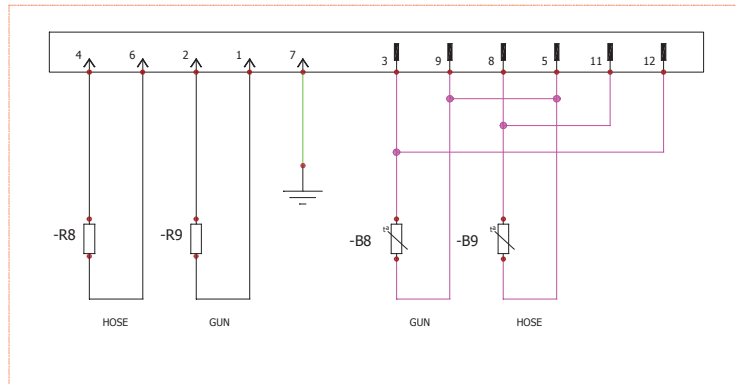
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

TANK AND MANIFOLDS HEATERS AND RTD

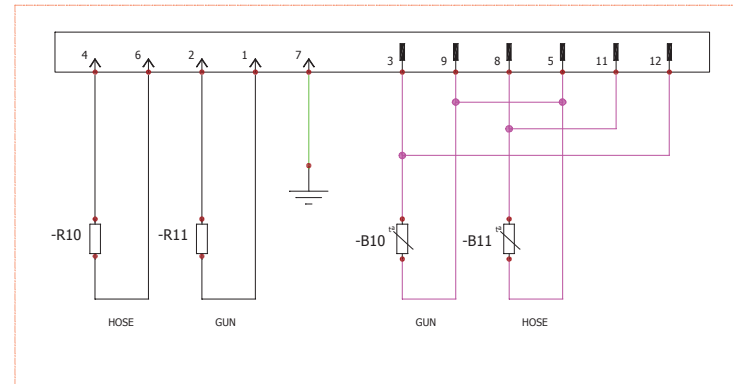
PROJECT: S080020201 FM30L NI120

1	22/10/2015	mayestaran	PM18674 CPU board change
0	20/05/2013	mayestaran	
REV.	DATE	NAME	CHANGES

REVISION
1
 SCHEME
06



+P14 - External connection
P.MAX CHANNEL 1 1.800W



+P14 - External connection
P.MAX CHANNEL 2 1.800W

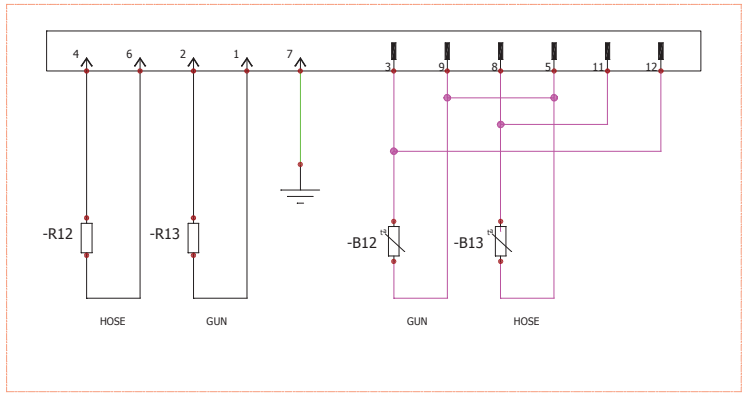
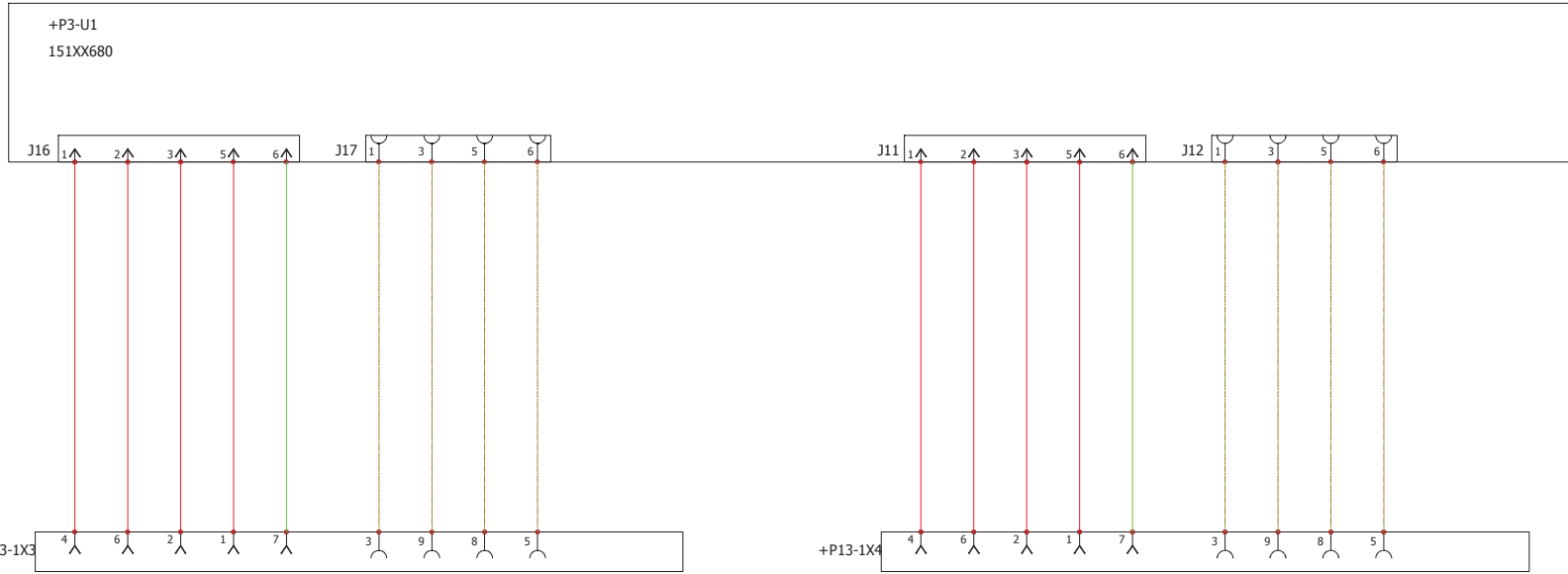


Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyo, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

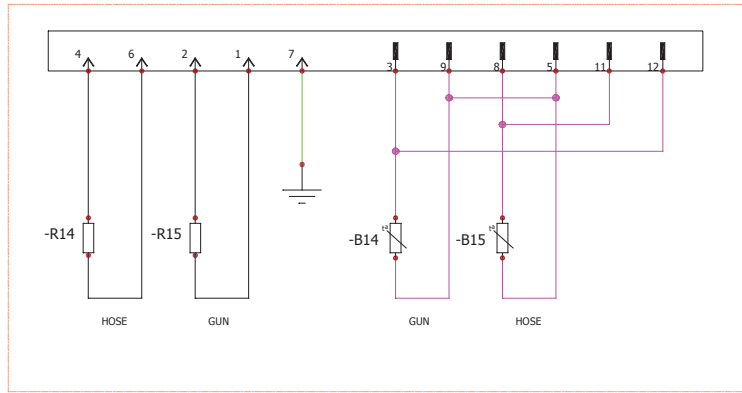
CHANNELS 1 AND 2
HOSE - GUN NI120 CONNECTION

PROJECT: S080020201 FM30L NI120

				REVISION
				1
				SCHEME
				07
1	22/10/2015	mayestaran	PM18674 CPU board change	
0	20/05/2013	mayestaran		
REV.	DATE	NAME	CHANGES	



+P14 - External connection
P.MAX CHANNEL 3 1.400W



+P14 - External connection
P.MAX CHANNEL 4 1.400W



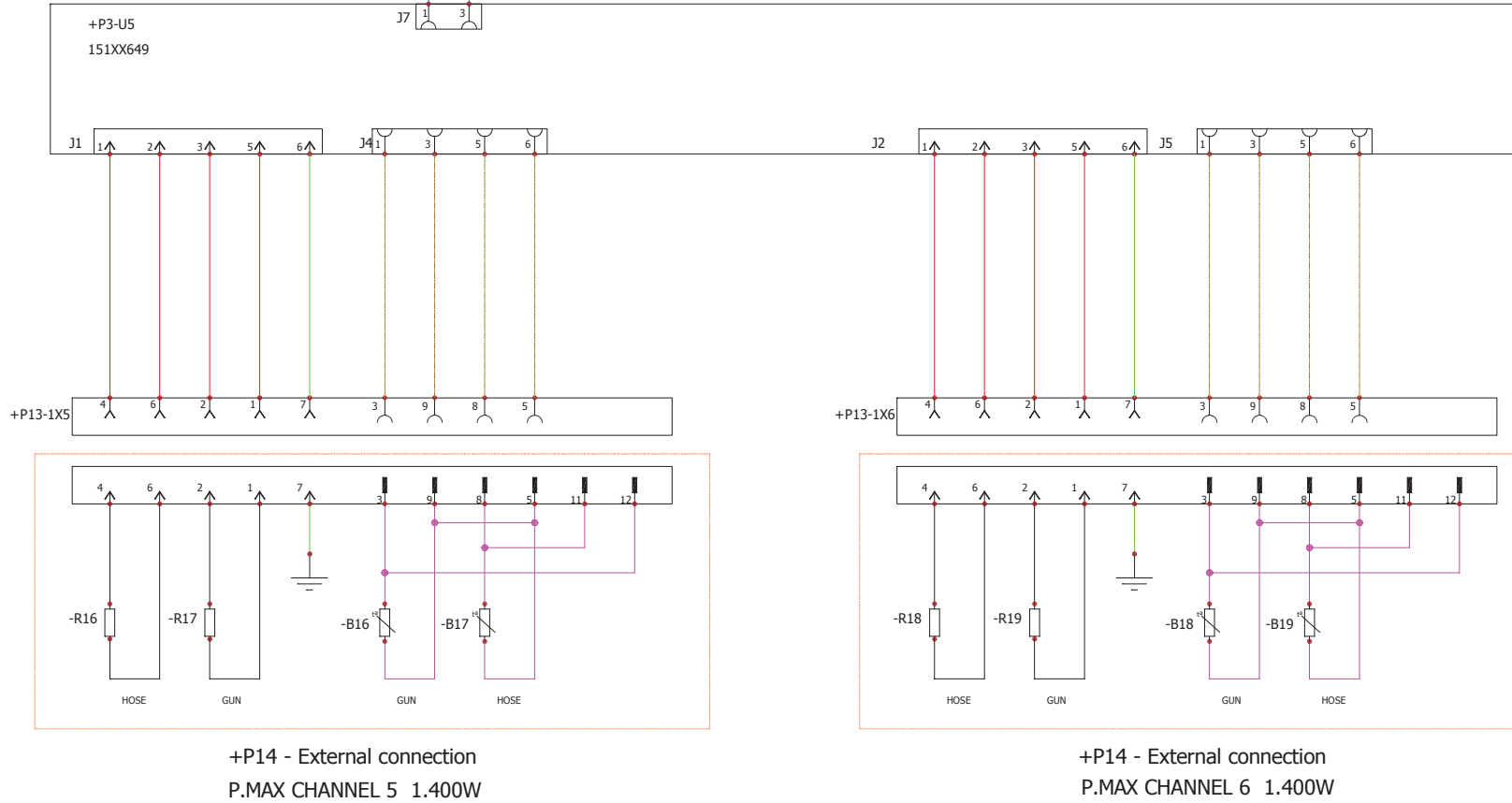
Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyoen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

CHANNELS 3 AND 4
HOSE - GUN NI120 CONNECTION

PROJECT: S080020201 FM30L NI120

				REVISION
				1
				SCHEME
				08
1	22/10/2015	mayestaran	PM18674 CPU board change	
0	20/05/2013	mayestaran		
REV.	DATE	NAME	CHANGES	

1-05-10
1-05-10



+P14 - External connection
P.MAX CHANNEL 5 1.400W

+P14 - External connection
P.MAX CHANNEL 6 1.400W

1-06-10

1-16-1

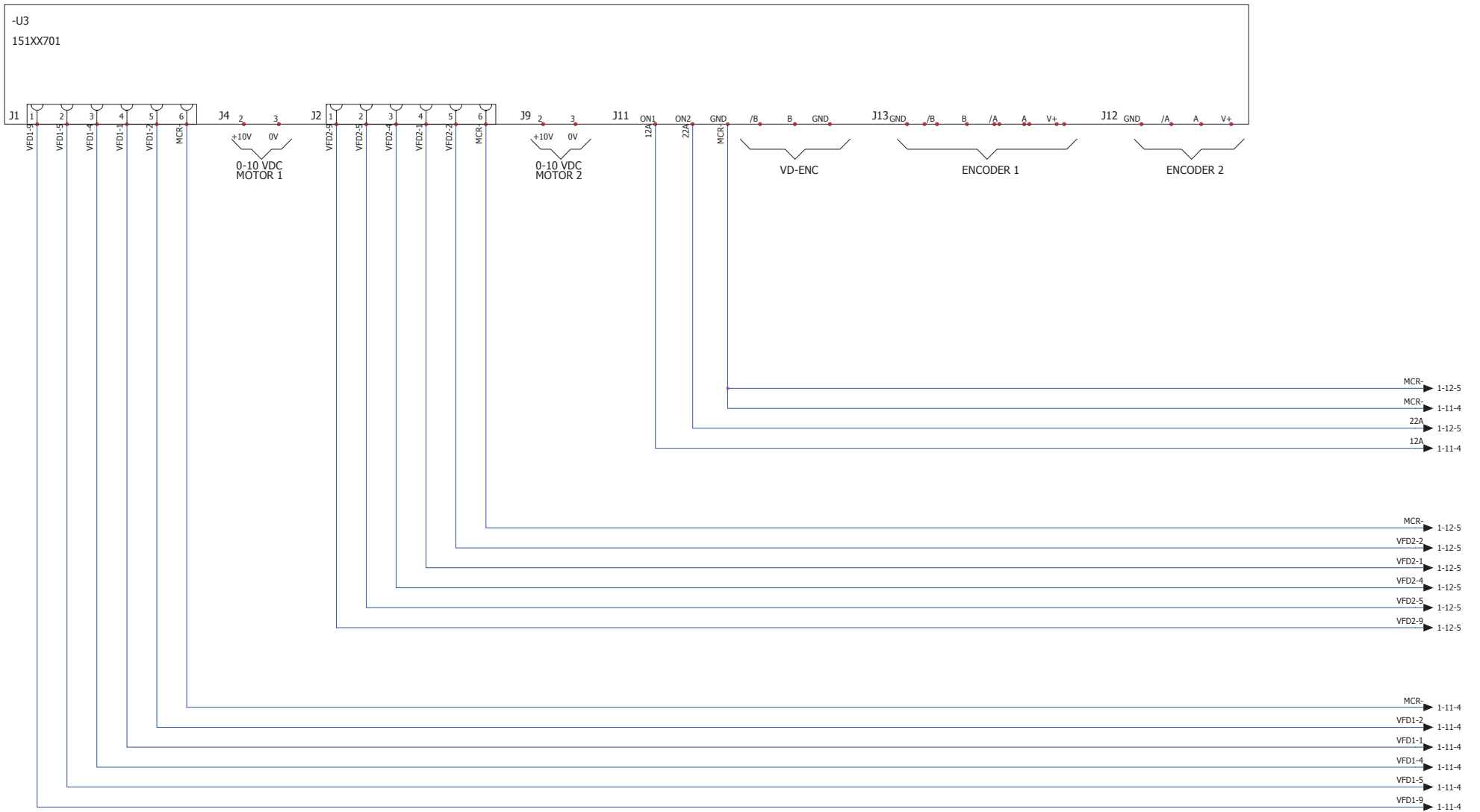


Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyoen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

CHANNELS 5 AND 6 HOSE - GUN NI120 CONNECTION

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES	REVISION
1	22/10/2015	mayestaran	PM18674 CPU board change	1
0	21/05/2013	mayestaran		09
			CHANGES	



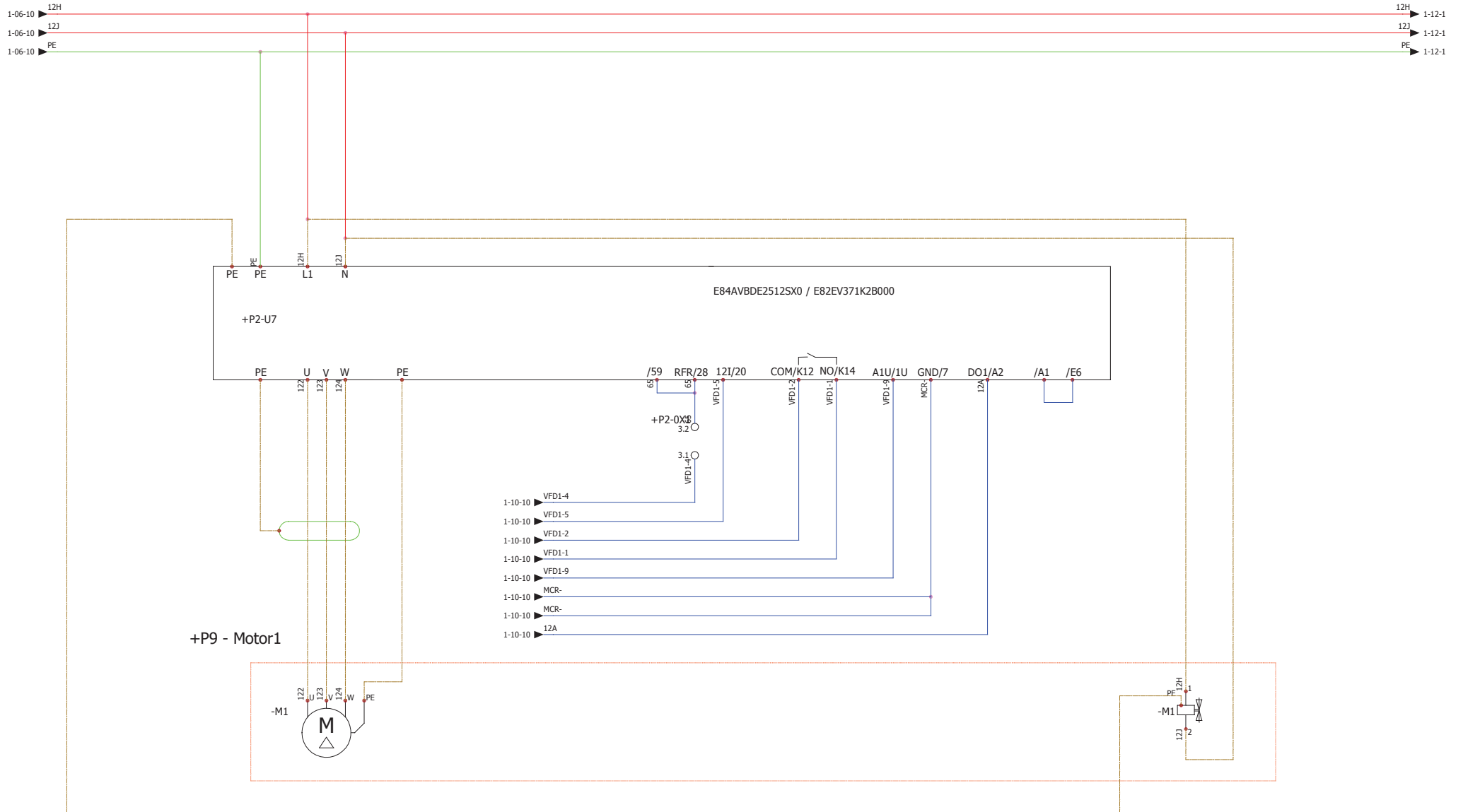
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcosen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

VFD1 BOARD CONNECTIONS
 MOTOR 1 AND 2 SIGNALS

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES
1	22/10/2015	mayestaran	PM18674 CPU board change
0	21/05/2013	mayestaran	
			CHANGES

REVISION
 1
 SCHEME
 10

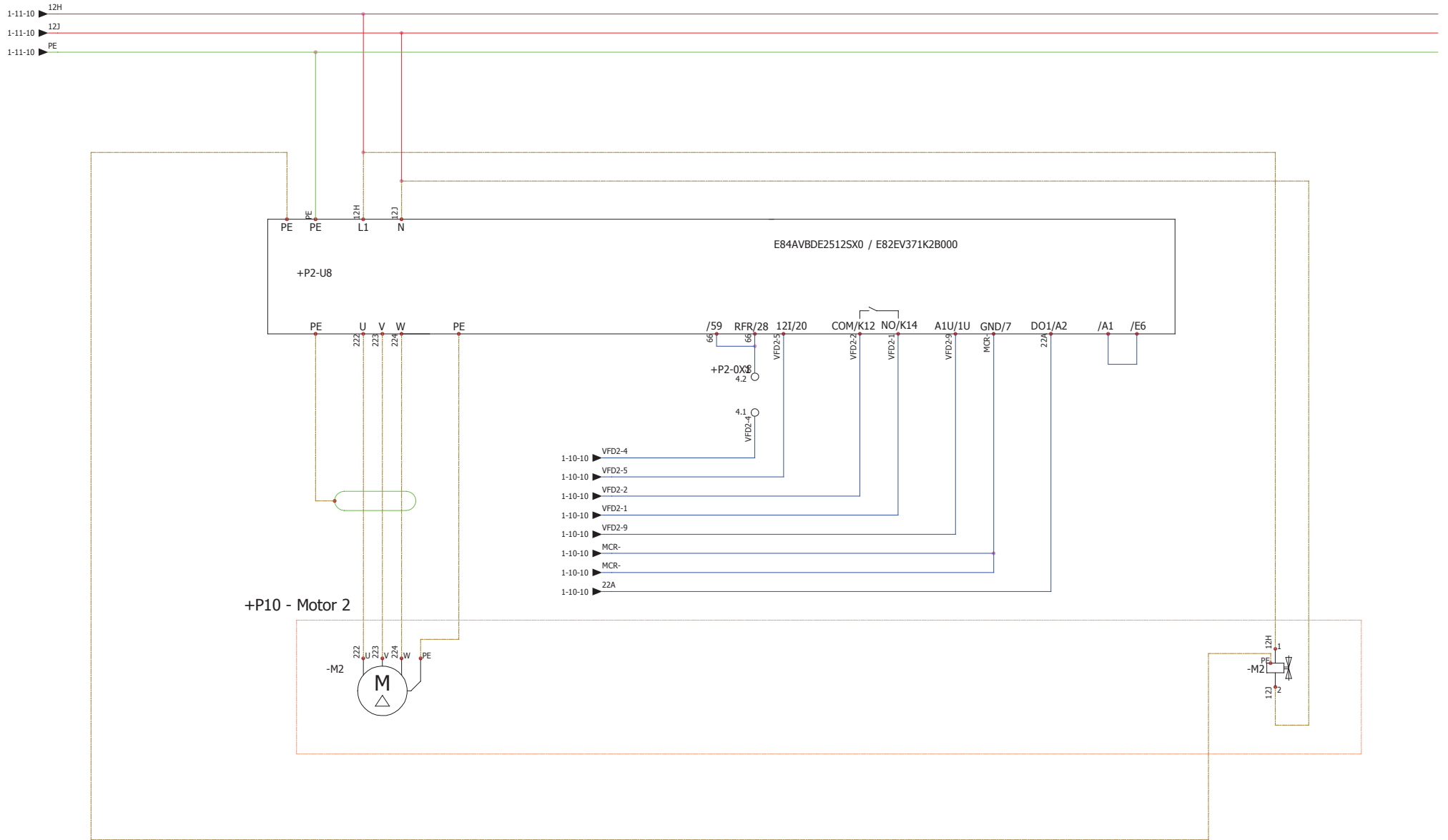


Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

MOTOR PUMP 1
CONNECTION

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES	REVISION
1	22/10/2015	mayestaran	PM18674 CPU board change	1
0	21/05/2013	mayestaran		SCHEME
				11

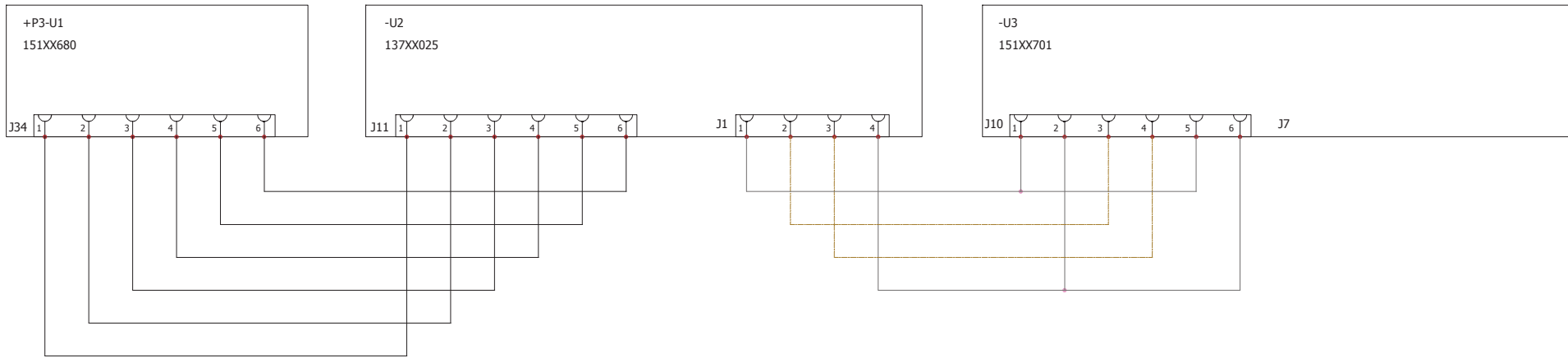


Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyoen, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

MOTOR PUMP 2 CONNECTION

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES	REVISION
1	22/10/2015	mayestaran	PM18674 CPU board change	1
0	21/05/2013	mayestaran		SCHEME
				12

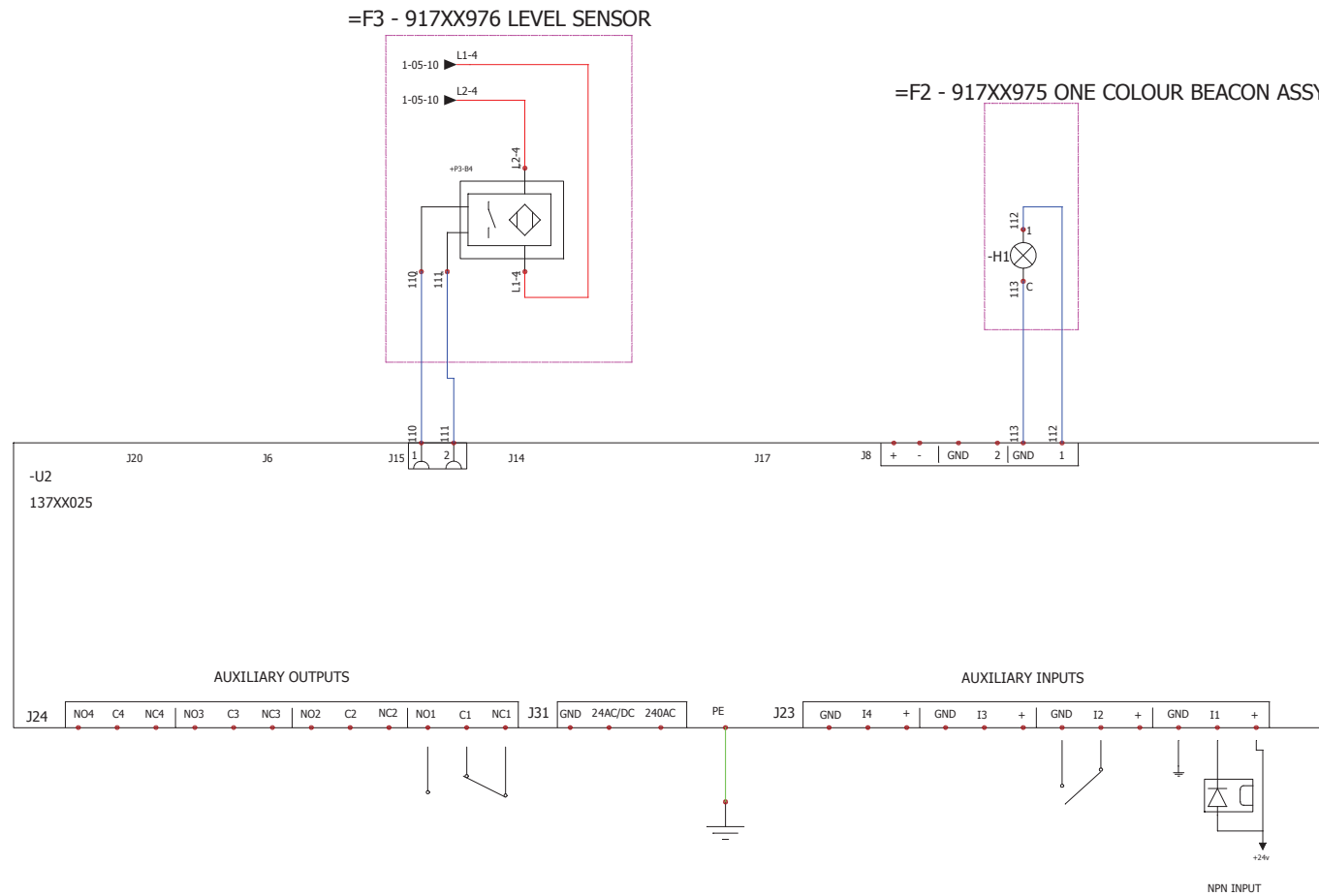


Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyoen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

CONTROL, POWER AND VFD1 BOARDS COMMUNICATION

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES	REVISION
1	22/10/2015	mayestaran	PM18674 CPU board change	1
0	20/05/2013	mayestaran		13



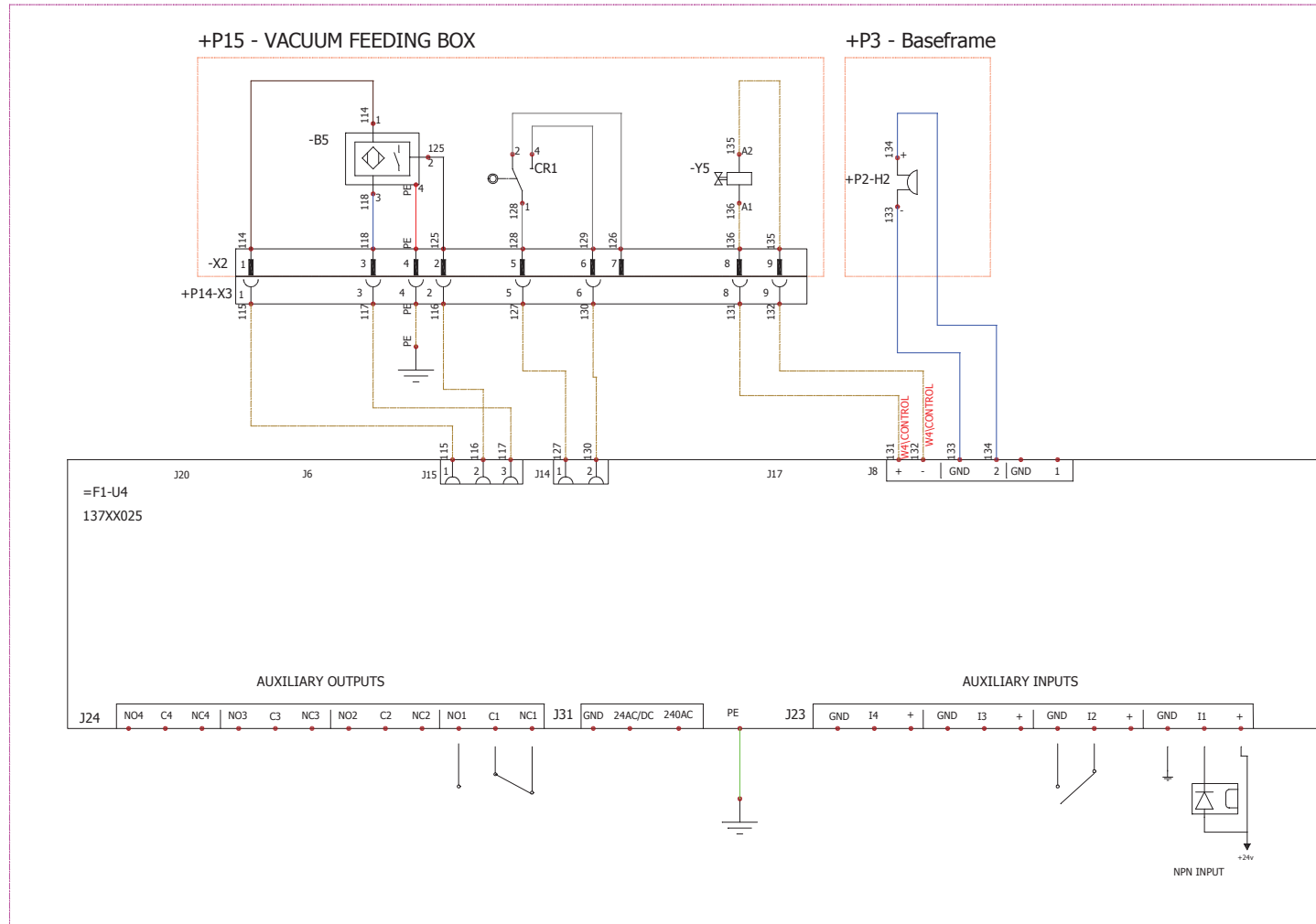
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

ALARMS, LOW LEVEL AUXILIARY INPUTS AND OUTPUTS

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES	REVISION
1	22/10/2015	mayestaran	PM18674 CPU board change	1
0	13/06/2013	mayestaran		SCHEME
				14

=F5 - 988XX803 VACUUM FEEDING SYSTEM FM (30/50 KG)



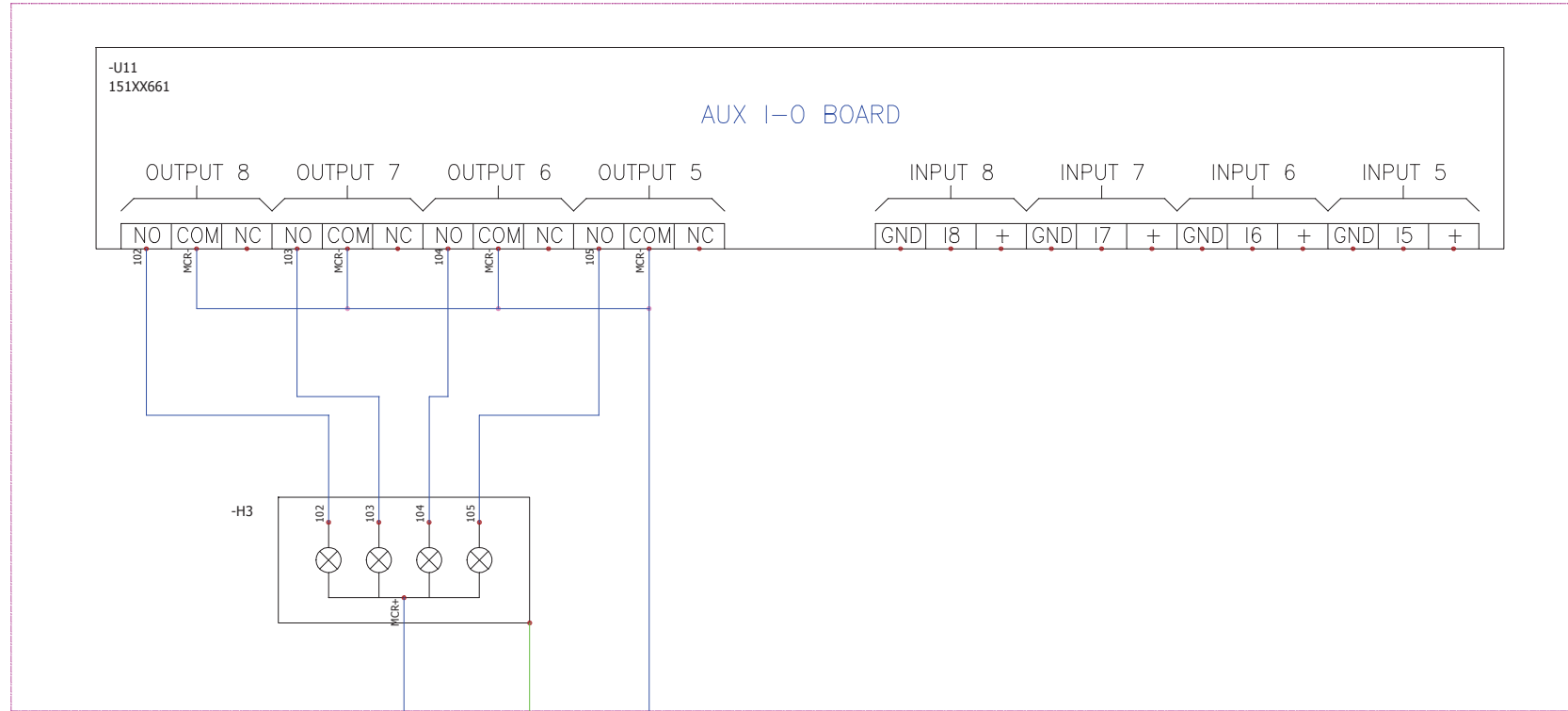
Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyo, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

VACUUM FEEDING SYSTEM AUXILIARY INPUTS AND OUTPUTS

PROJECT: S080020201 FM30L NI120

				REVISION
				1
1	22/10/2015	mayestaran	PM18674 CPU board change	SCHEME
0	06/09/2013	mayestaran		
REV.	DATE	NAME	CHANGES	15

=F7 - 988XX784 BEACON ASSEMBLY 4 COLOURS



Valco Melton, S.L.U.
 European Headquarters
 Pol. Ind. Agustinos C/G N34
 31160 Orcoyen, Navarra, Spain
 Tel: +34 948 321 585
 Fax: +34 948 326 584

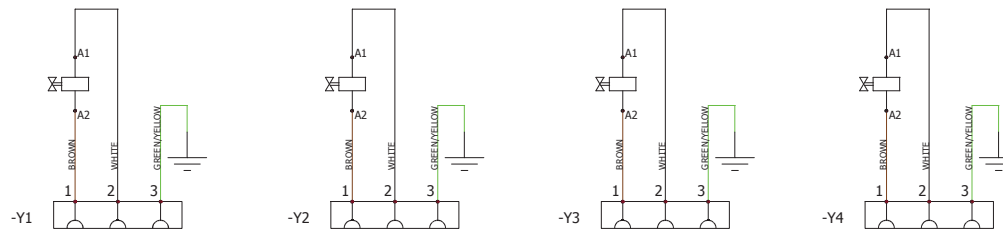
4 COLOURS BEACON
 AUXILIARY INPUTS/OUTPUTS BOARD

PROJECT: S080020201 FM30L NI120

				REVISION
				1
				SCHEME
				16
1	22/10/2015	mayestaran	PM18674 CPU board change	
0	01/07/2013	mayestaran		
REV.	DATE	NAME	CHANGES	

=F4 - 917XX971 PNEUMATIC PRESSURE RELIEVE VALVE

+P16 - Right lateral baseframe plate



Valco Melton, S.L.U.
European Headquarters
Pol. Ind. Agustinos C/G N34
31160 Orcoyo, Navarra, Spain
Tel: +34 948 321 585
Fax: +34 948 326 584

VALVE CONNECTION
PNEUMATIC PRESSURE RELIEVE VALVE

PROJECT: S080020201 FM30L NI120

REV.	DATE	NAME	CHANGES	REVISION
1	22/10/2015	mayestaran	PM18674 CPU board change	1
0	01/07/2013	mayestaran		17