

Power pivot

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Before removing the protections from the unit, check if the packing is intact. Considering the weight of the unit, it is necessary to use a mechanical lifting system for transport and lifting operations.

For positioning it into the machine it is advisable to use a lifting system with suitable belts or ropes hooked to eyebolts to be screwed onto the lateral surfaces of the unit in such a way as to arrange that the connection to the suspension hook be placed vertically to the barycentre, trying thus to guarantee a stable balance of the load.

The handling and positioning operations have to be carried out by observing all conditions which guarantee the security of the staff.

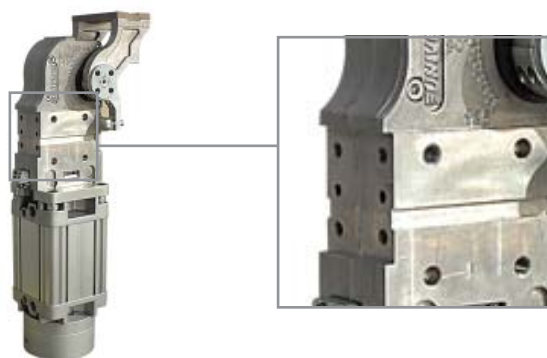
Warning

The staff must be opportunely informed about the risks deriving from the handling of the load.

Special attention has to be paid to the positioning and/or handling of units placed in elevated positions.

> Fixing instructions

The fixing of the device to the equipment can be effected by using the front, rear or side part of the body.



■ Fixing to the front or rear surface

- Insert two hardened and grinded pins into the special seats in a way such as to locate the power pivot to the equipment and fix it steadily by using the indicated screws, limiting the tightening torque to the indications below:

LAGP Series	Dowel holes	Screw size	Thread setting	Tightening torque
080	Ø8 H7 x 12	M10	12 mm	25 Nm
120	Ø8 H7 x 12	M10	12 mm	25 Nm
170	Ø8 H7 x 12	M10	12 mm	25 Nm
075-150-210-300-350	Ø10 H7 x 12	M12	20 mm	36 Nm
600-605	Ø12 H7 x 20	M16	25 mm	85 Nm

■ Fixing to the side surface

- Insert two hardened and grinded pins into the special seats in a way such as to locate the power pivot to the equipment and fix it steadily by using the indicated screws, limiting the tightening torque to the indications below:

LAGP Series	Dowel holes	Screw size	Thread setting	Tightening torque
080	Ø12 H7 x 15	M12	15 mm	45 Nm
120	Ø12 H7 x 15	M12	15 mm	45 Nm
170	Ø12 H7 x 15	M12	15 mm	45 Nm
075-150-210-300-350	Ø10 H7 x 12	M12	20 mm	36 Nm
600-605	Ø12 H7 x 20	M16	25 mm	85 Nm

Warning

The fixing of the unit has to be carried out by using all holes on the installation surface.

> Instructions for the connection of the clamp to its energy source

Connect the sensor of the clamp to its electric supply unit.

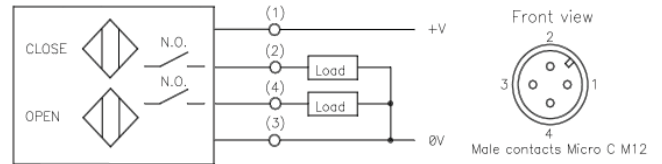
Then connect the pneumatic tube by means of suitable pneumatic fittings according to the specification below:

LAGP series G1/8" fittings

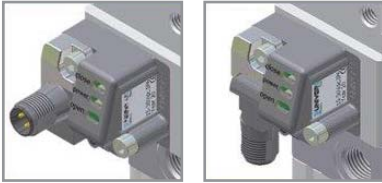
Operating pressure from 4 to 8 bar

> Electrical sensor

ELECTRIC FEATURES	
Supply voltage	10 ÷ 30 Vdc
Supply current without load	< 20 mA
Rated operational	Max 30 mA
Output logic	PNP N.O.
Led- supply	green
Led- close position- pin 2	red
Led- open position- pin 4	yellow



■ How to orientate the connector



1. Unscrew the screw of the connector
2. Open the cover
3. Rotate the connector
4. Close the cover and screw it

■ How to replace the sensor

1. It is not necessary to remove the air supply
2. Unscrew the sensor's screw
3. Insert a new sensor
4. Screw the sensor to its housing

> Type and frequency of controls and/or maintenance work

The unit has been designed and constructed in such a way that specific programmed maintenance is not necessary; anyway, a monthly external cleaning of the welding deposits with suitable, not aggressive and not corrosive detergents is recommended.