

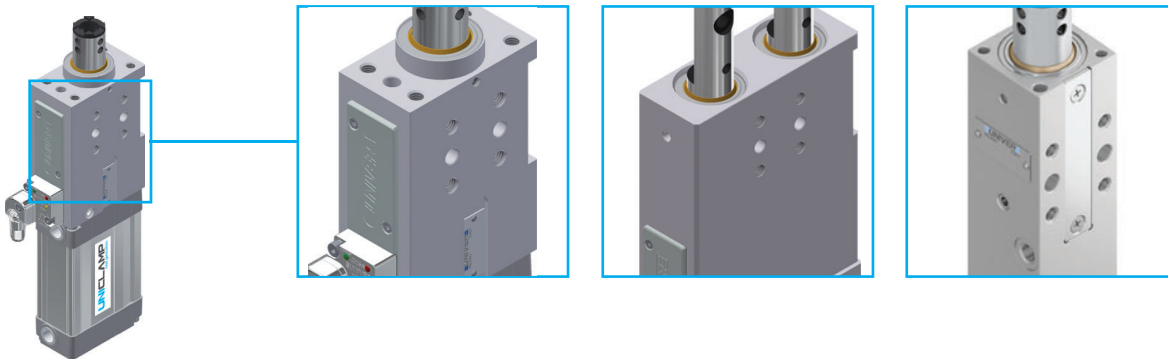
Pneumatic retractable locating pin units UNICLAMP series

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The handling, positioning as well as the maintenance operations have to be carried out only by authorized personnel when the system is disconnected and by observing all the conditions that guarantee the security of the staff. The residual risks regarding the sole maintenance phase consist in the squashing of the upper parts of the operator's body. As a preventive measure an appropriate signal must alert the operator.

>Fixing instructions

The fixing of the unit to the equipment can be carried out by using the front, or side part of the housing of the clamp. Before installing the retractable locating pin unit, make sure that it hasn't been damaged during transport or handling operations.



■ Fixing

- Insert two hardened and grinded pins (*) into the special seats such as to locate the clamp.
- Fix it steadily by using the indicated M8 screws, and make sure that they are about deep in the thread holes, limiting the tightening torque.

Screws	Tightening torque	pins (*)
M6	8 Nm	Ø6 H7
M8	15 Nm	Ø8 H7
M10	25 Nm	Ø10 H7

>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:

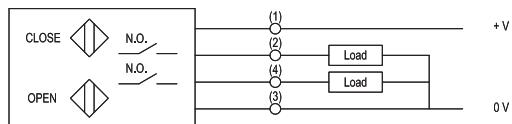
Series ULP32, ULB32, ULA40, ULZ, ULT, ULY, ULX -> G1/8" fittings
 Series ULP50, ULM50, ULO50, ULR50, ULR63, ULA63, ULP63 -> G1/4" fittings

Operating pressure from 4 to 6 bar

>Electronic sensor

TECHNICAL CHARACTERISTICS

Supply voltage	10-30 V DC
Supply current without load	<25 mA
Rated operational current	30 mA
Voltage drop	<3,5 V DC
Output logic	PNP N.O.
Led- supply	green (power)
Led- close position	red (close)
Led- open position	yellow (open)
Protection class	IP 67
Weight	64 gr
No Reset	

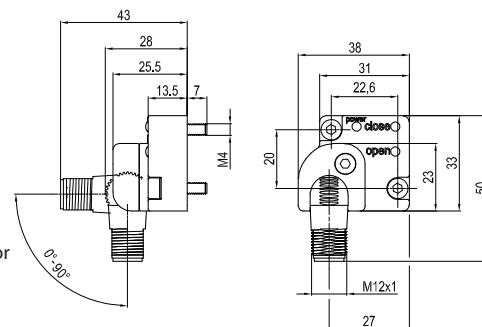


Front view



Male contacts Micro C M12

Dimensions



0°



90°

Change of the sensor

Unscrew the screws on the sensor base and replace the sensor

Connector orientation

- Unscrew the screw of the connector
- Rotate the connector (0° or 90°)
- Tighten the screw

>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.

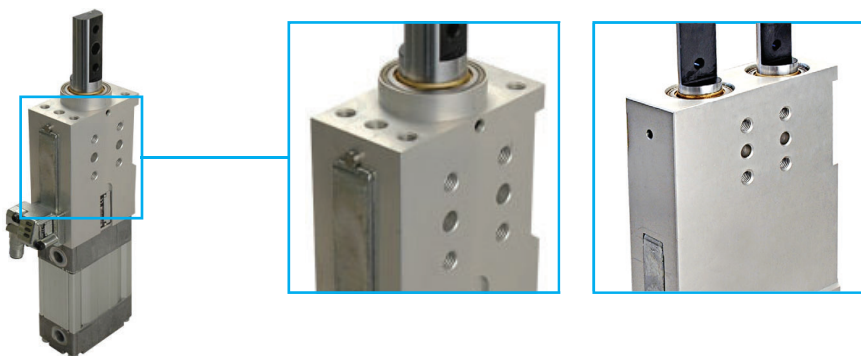
Pneumatic retractable locating pin units UNIVERSAL series

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■ Fixing

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Screws	Tightening torque
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M8	15 Nm
M10	25 Nm

pins (*)
Ø6 H7
Ø8 H7
Ø10 H7

>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:

Series LC_32 -> G1/8" fittings

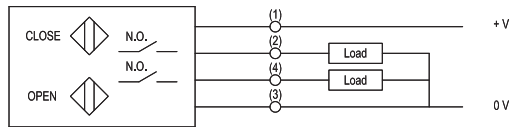
Series LC_50, LC_63 -> G1/4" fittings

Operating pressure from 4 to 6 bar

>Electronic sensor

TECHNICAL CHARACTERISTICS

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Protection class	IP 67
Weight	64 gr
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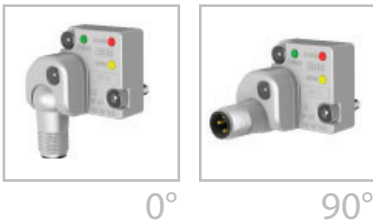
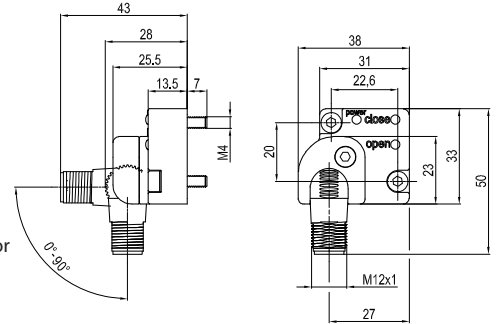


Front view



Male contacts Micro C M12

Dimensions



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