

LP / 3



LOW PRESSURE SWITCH

- Pressure switch for the protection of water systems (autoclave and fire-fighting systems) and pneumatic systems (control circuits under pressure)
- The device interrupts the electric connection between the line and the load when the pressure decreases below the established value (stop pressure)
- In the autoclave systems it is matched in series with a PM/5 pressure switch in order to protect the electric pump from dry running
- The reset is automatic when the pressure becomes again higher than the start value or when pressing the reset button
- Double electric contact: normally open, made of brass alloy with Ag-Ni surfacing
- Terminals with M4 screws and 8x8 mm pressure dice
- NBR rubber membrane with food grade textile insert
- 1/4" F hydraulic connection made of galvanised steel
- Standard protection degree IP 44
- Max ambient temperature: 55°C
- Tear resistant cable clamps

APPLICATIONS: Pressure switches for water pumps, Dry running protection



TECHNICAL DATA

	LP / 3	LP / 3-18
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Cut-out pressure range:	0,05÷0,4 bar	0,5÷2,0 bar
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Cut-in pressure range:	0,4÷0,75 bar	0,95÷2,6 bar
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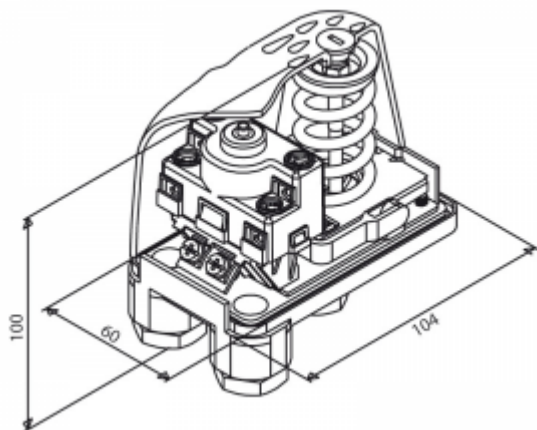
Factory setting:	0,1÷0,5 bar	0,5÷0,95 bar
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Rated current:	16A (10)A	16A (10)A
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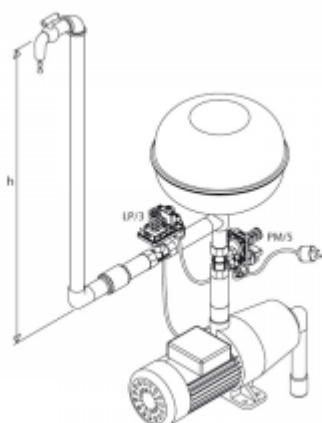
Rated voltage:	250V	250V
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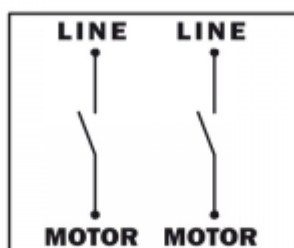
DRAWINGS



Dimensions



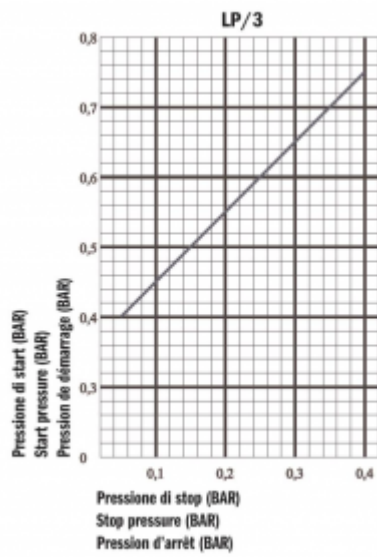
Installation in series with pressure sw. PM/5



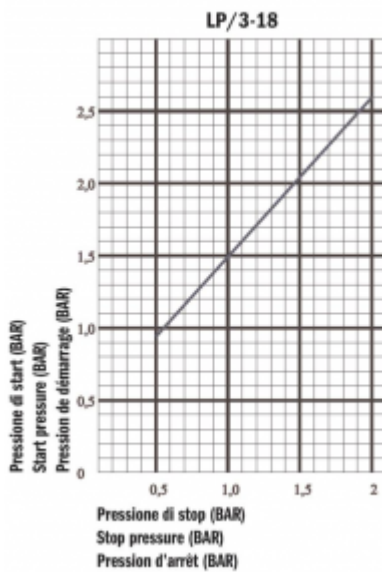
LP/3

Contacts Arrangement

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Setting diagram LP/3

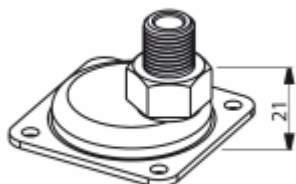


Setting diagram LP/3-18

ATTACH

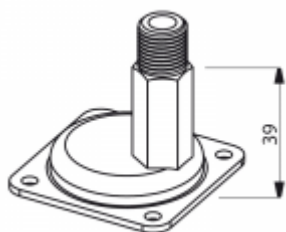
1/4" M GAS

Male



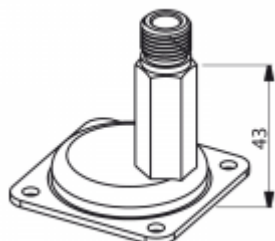
1/4" ML GAS

Long male



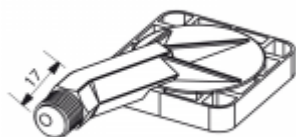
1/4" MF GAS

Long male



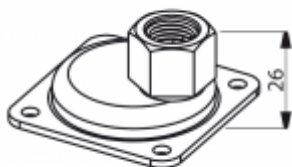
1/4" L GAS

Side male



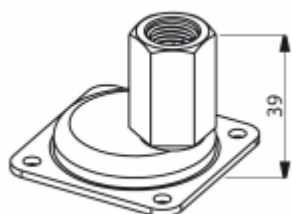
1/4" F GAS

Female



1/4" FL GAS

Long female



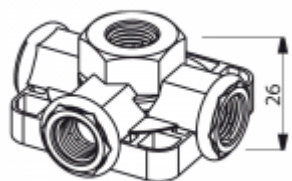
1/4" FG GAS

Female revolving nut



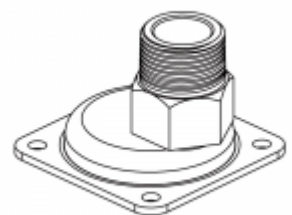
1/4" 4V

GAS Female - 4 ways



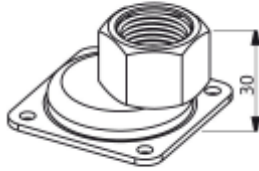
1/2" M GAS

Male

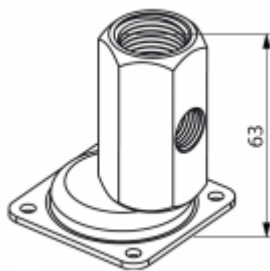


1/2" F GAS

Female



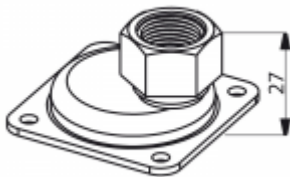
1/2" 2V



1 way 1/2" + 1 way 1/4" Female

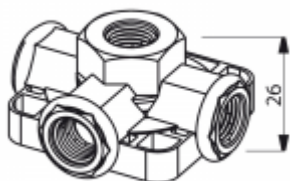
3/8" FG GAS

Female revolving nut



3/8" 4V

3 ways 1/4" + 1 way 3/8" Female



OPTIONAL

Electrical cables for motor and line connection



Version with electrical cables for motor and line connection

Customized settings



Customized settings

Special springs for not standard adjustment ranges



Special springs for not standard adjustment ranges

Graduated scale



Graduated scale on the device for an easy adjustment of the cut-in pressure

Version with adjustable differential



Version with adjustable differential (LP/3D)

Versions for pressure up to 12 bar (LP/12)



Versions for pressure up to 12 bar (LP/12)

Blind cable clamps



One of the two cable clamps can be supplied blind



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