

PRESSURE SWITCHES FOR WATER SYSTEM APPLICATIONS Type PT, PM



User's manual

Applications

Pressure switches for use with water in autoclave systems : firefighting systems, water pumps...

The switch ensures automatically the starting and stopping of the electric pump according to the set pressure values.

Construction

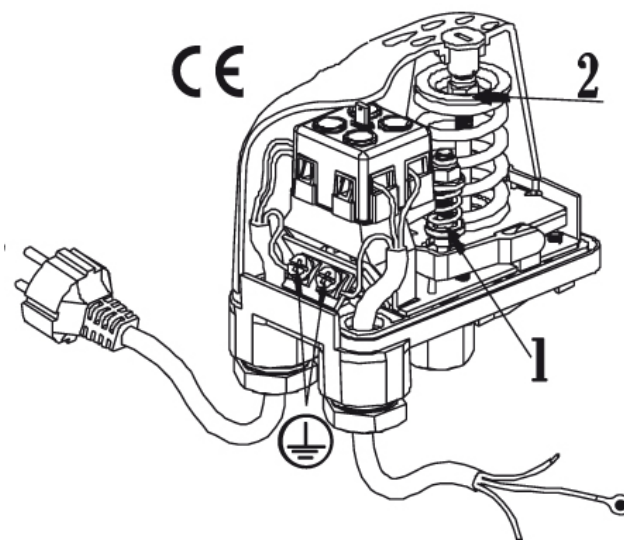
- Electric contacts: normally closed and made of brass alloy with Ag-Ni surfacing
- Terminals with M4 screws and 8x8 mm pressure dice
- NBR rubber membrane with textile insert (food grade for PM/5 - PM/6 - PT/5)
- 1/4" F hydraulic connection made of galvanized steel
- Standard protection degree IP 44
- Max ambient temperature: 55°C
- Tear resistant cable clamps

Caractéristiques techniques

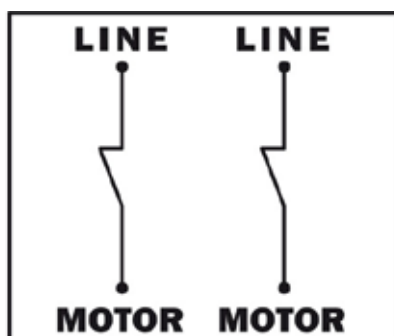
	PM5	PM12	PT5	PT12
Rated voltage	250 V	250 V	500 V	500 V
Rated current	16 A	16 A	16 A	16 A
Pressure range	1 - 5 bar	3 - 12 bar	1 - 5 bar	3 - 12 bar
Factory setting	1,4 - 2,8 bar	5 - 7 bar	1,4 - 2,8 bar	5 - 7 bar
Differential (min - max)	0,6 - 2,3 bar	1,5 - 5 bar	0,6 - 2,3 bar	1,5 - 5 bar
Ambiente temperature	55°C max	55°C max	55°C max	55°C max

Setting

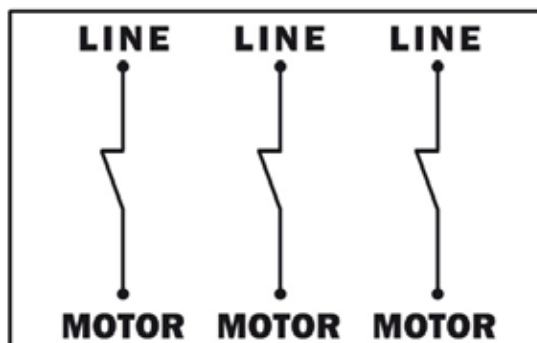
- A) Turn up completely differential nut (1);
 B) Adjust range nut (2) to wished cut-in pressure;
 C) Turn down differential nut (1) up to wished cut-out pressure.



Contact arrangement

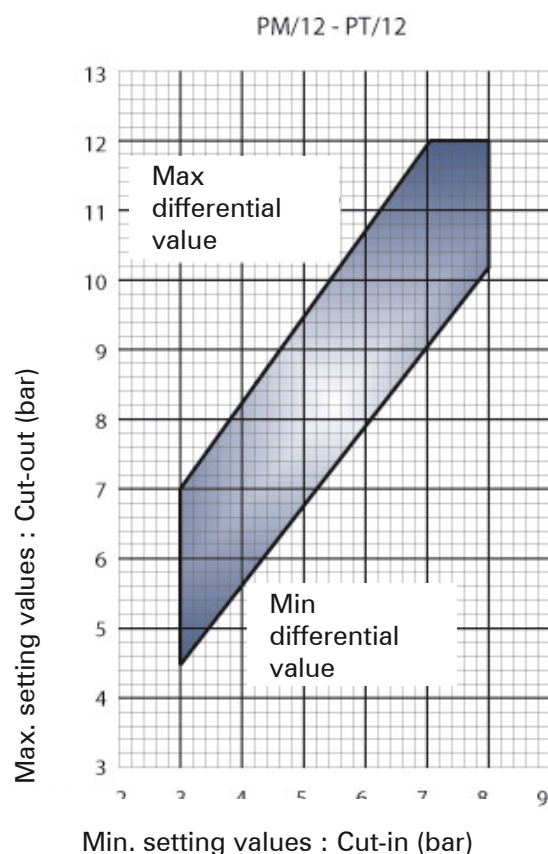
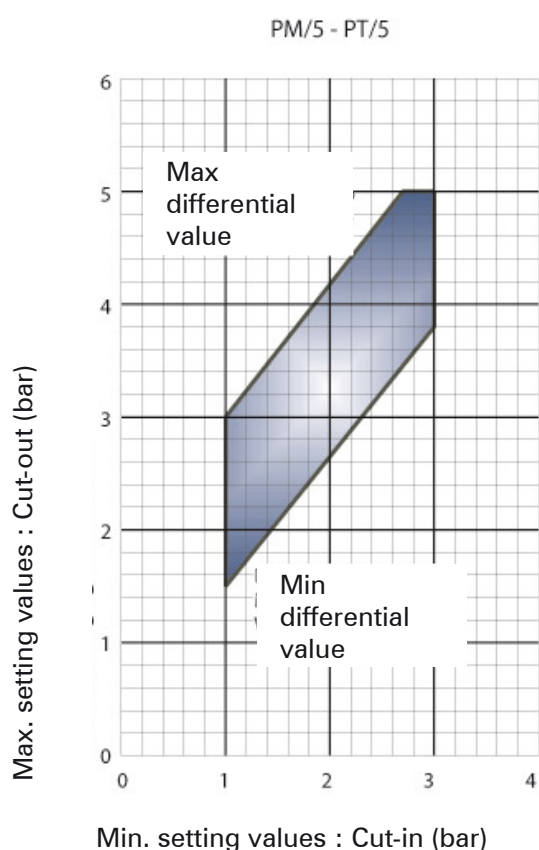


PM5 PM12



PT5 PT12

Setting diagram



Dimensions

