

PRESSURE SWITCH FOR AIR COMPRESSOR WITH PRESSURE REDUCER Type PTA12 RP, PMA12 RP



Applications

Pressure switches for air compressors, with pressure reducer and pressure relief device.
The switch ensures automatically starting and stopping of the compressor according to the preset pressure values

Construction

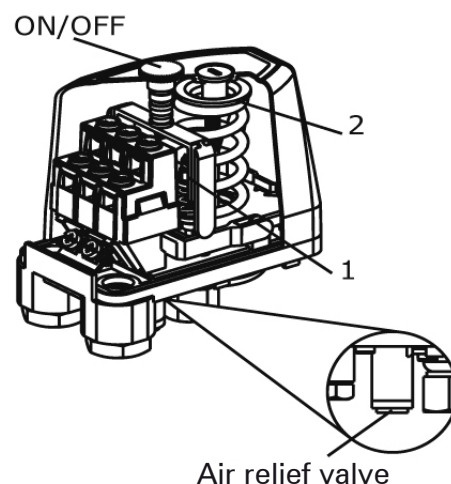
- Electrical contacts: normally closed, made of brass alloy with Ag-Ni surfacing
- Terminals with M4 screws and 8x8 mm pressure dice
- Oil-resistant NBR rubber membrane with textile insert
- 1/4» F galvanised steel hydraulic connection
- Standard protection degree IP 44
- Max ambient temperature 55°C
- Tear resistant cable clamps
- Cover with on/off button
- Air-relief valve for 6 mm diameter pipe with delayed closing system for model PMA single phase, and with instant-closing action for model PTA three phase

Technical data

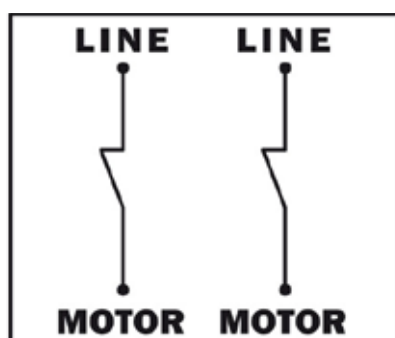
	PMA12	PTA12
Rated voltage	250 V	500 V
Rated current	16 A	16 A
Pressure range	3 - 12 bar	3 - 12 bar
Factory setting	6 - 8 bar	6 - 8 bar
Differential (min - max)	1,5 - 5 bar	1,5 - 5 bar
Ambiente temperature	55°C max	55°C max
Weight	600 gr	600 gr

Setting

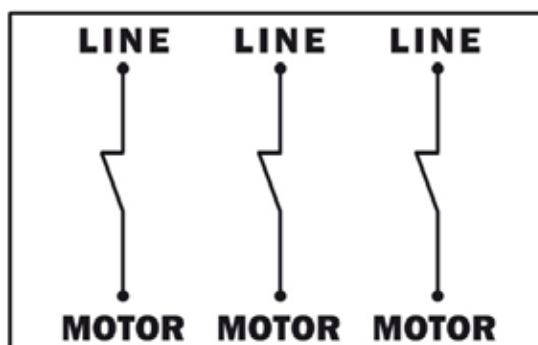
- Turn up completely differential nut (1);
- Adjust range nut (2) to wished cut-in pressure;
- Turn down differential nut (1) up to wished cut-out pressure.



Contact arrangement

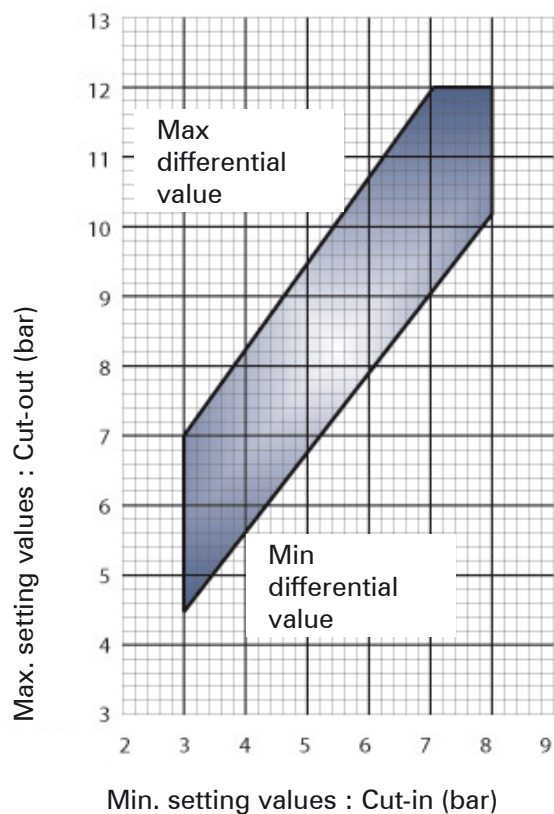


PMA RP

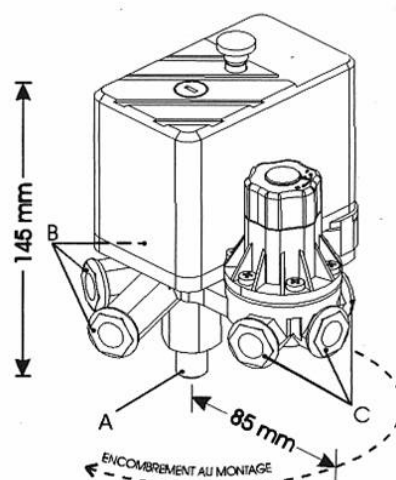


PTA RP

Setting diagram



Connection



IN : 1/4" male
1 connection

OUT : 1/4" Female
3 x direct pressure
3 x regulated pressure
1 for pressure gauge

Dimensions

