

PRESSURE SWITCH FOR WATER SYSTEM WITH SPDT CONTACT Type PSD



User's manual

Applications

Pressure switches for control applications and supervision in different technological systems (fire fighting units, building machineries, systems for water treatment, etc)

Construction

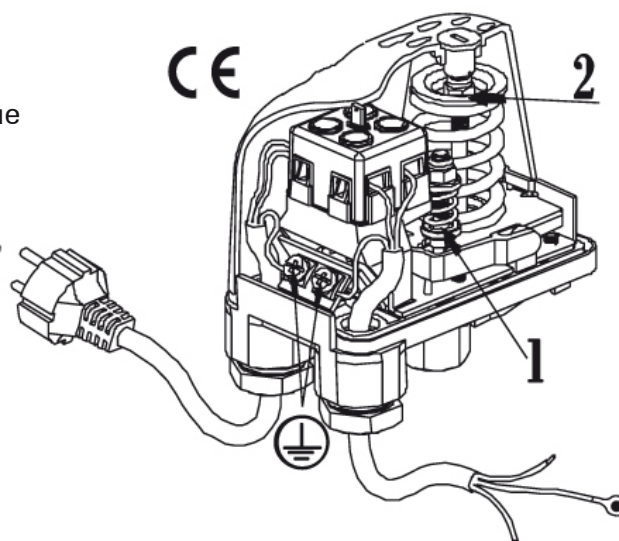
- The pressure switch works mechanically per action of the pressure in the system and it doesn't need any additional electrical power supply
- SPDT contact (single pole double throw COM.-N.O.-N.C.)
- Electrical terminals: 3 rising clamp terminals (COM. + N.O. + N.C.)
- NBR rubber membrane with textile insert
- $\frac{1}{4}$ » F hydraulic connection made of galvanized steel
- Protection degree IP44
- Max ambient temperature 55°C
- Tear resistant cable clamps

Technical data

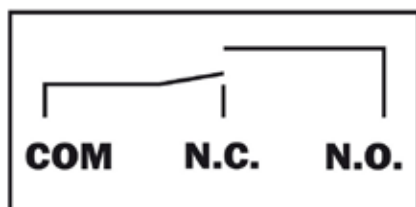
	PS3D	PS5D	PS12D
Maximum load	5 A - 250 V	5 A - 250 V	5 A - 250 V
Max. working pressure	5 bar	12 bar	12 bar
Setting range	9 - 5 bar	1,7 - 7,5 bar	2,5 - 12 bar
Differential (min - max)	0,4 - 2,5 bar	0,5 - 3,3 bar	0,8 - 3,8 bar
Ambiente temperature	55°C max	55°C max	55°C

Setting

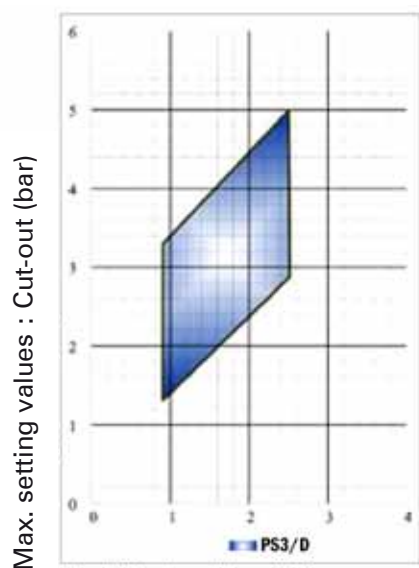
- Turn up completely differential nut (1);
 - Adjust range nut (2) to wished commutating value of the contact;
 - Adjust the differential turning the relevant nut (1)
- N.B. set the inlet of power cable to the floor.



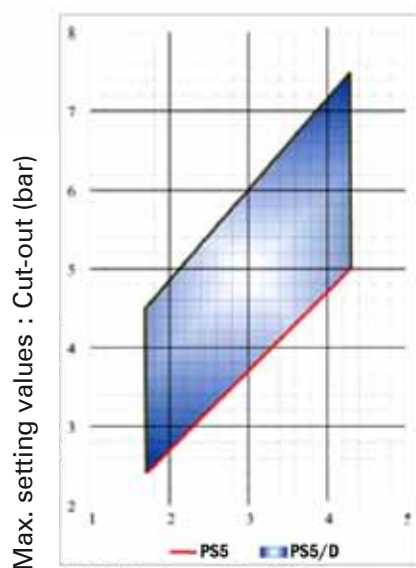
Contact arrangement



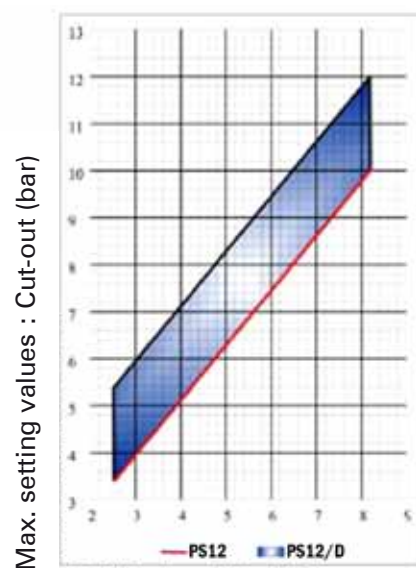
Setting diagrams



Min. setting values : Cut-in (bar)

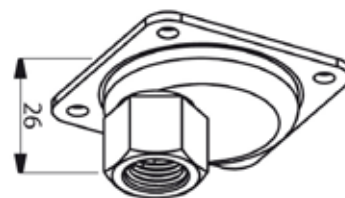
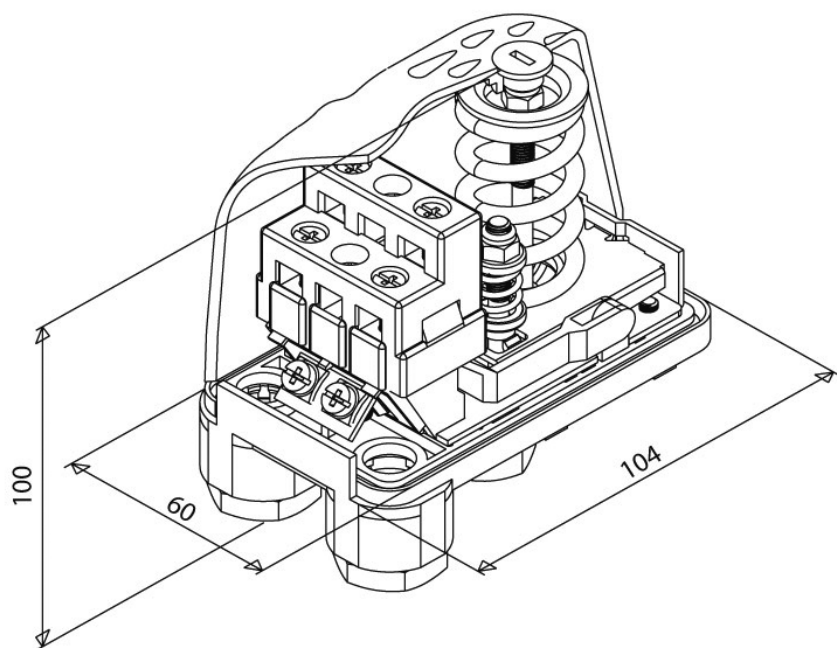


Min. setting values : Cut-in (bar)



Min. setting values : Cut-in (bar)

Dimensions (mm)



1/4" Female revoving nut