

# PS

## PRESSURE SWITCH WITH SPDT CONTACT PS/3-PS/5-PS/12



- Series of pressure switches for control applications and supervision in different technological systems (fire fighting units, building machineries, systems for water treatment, etc)
- 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
- 1/4" F hydraulic connection made of galvanized steel
- Protection degree IP44
- Max ambient temperature 55°C
- Tear resistant cable clamps

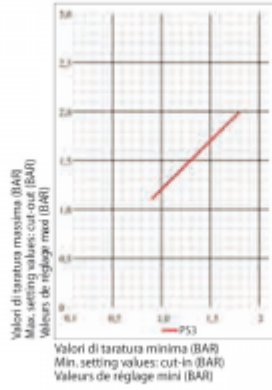
**APPLICATIONS:** Pressure switches for firefighting systems



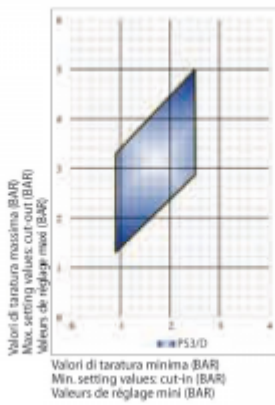
## TECHNICAL DATA

	PS/3	PS/3D	PS/5	PS/5D	PS/12	PS/12D	PS/16D
<b>Max. working pressure (Bar):</b>	5	5	12	12	12	12	16
<b>Setting range (Bar):</b>	0.9 - 2.0	0.9 - 5.0	1.7 - 5	1.7 - 7.5	2.5 - 10.0	2.5 - 12.0	2.5 - 12.0
<b>Minimum differential (Bar):</b>	0.2	0.4	0.5	0.5	0.8	0.8	0.8
<b>Maximum differential (Bar):</b>	0.2	2.5	0.7	3.3	1.4	3.8	3.8
<b>Maximum load:</b>	5 A 250 V~ 5 A 250 V~ 5 A 250 V~ 5 A 250 V~ 5 A 250 V~ 5 A 250 V~ 5 A 250 V~						

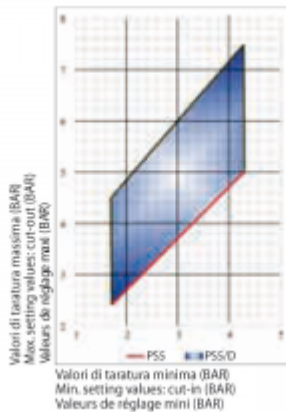
**DRAWINGS**



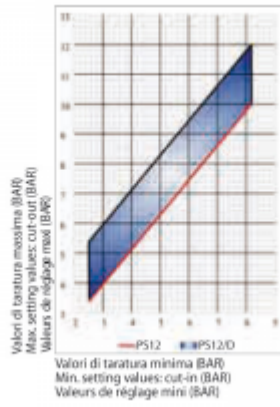
Setting diagram PS/3



Setting diagram PS/3D



Setting diagram PS/5 + PS/5D



Setting diagram PS/12 + PS/12D

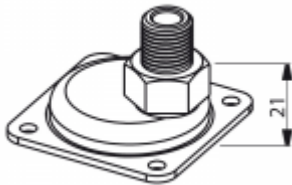


Contacts arrangement

## ATTACH

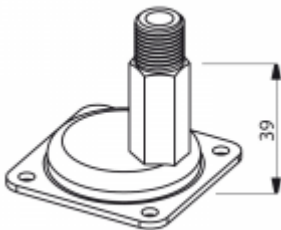
### 1/4" M GAS

Male



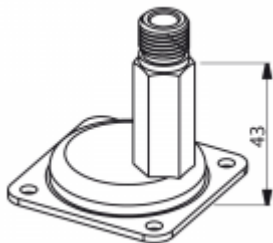
### 1/4" ML GAS

Long male



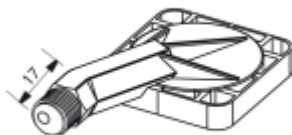
### 1/4" MF GAS

Long male



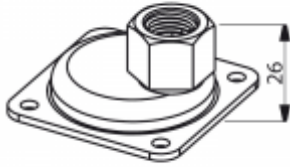
### 1/4" L GAS

Side male



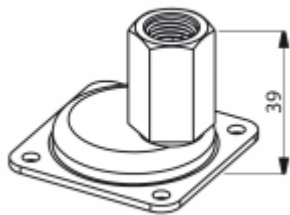
### 1/4" F GAS

Female



**1/4" FL GAS**

Long female



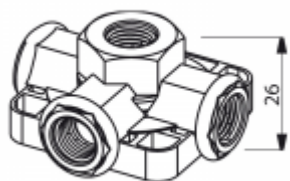
**1/4" FG GAS**

Female revolving nut



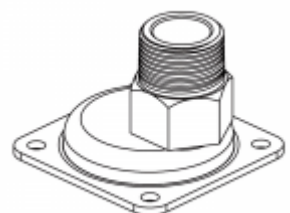
**1/4" 4V**

GAS Female - 4 ways



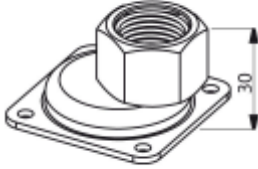
**1/2" M GAS**

Male

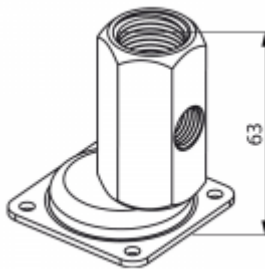


**1/2" F GAS**

Female



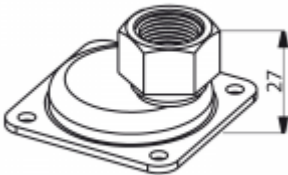
1/2" 2V



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

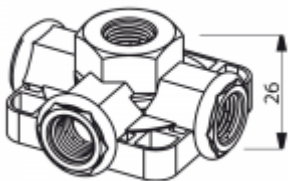
3/8" FG GAS

Female revolving nut



3/8" 4V

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



## OPTIONAL

### 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

### Transparent cover



Transparent cover

### Temporary disable button



**Temporary disable button** for testing system according to EN 12845 (10.7.5.3)



**Protection degree IP55**



Protection degree IP55r (graduated scale only inside)

**Blind cable clamps**



One of the two cable clamps can be supplied blind



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