

Pressure switch

Model PSE

General purpose
Repeatability: $\pm 2\%$

Features

- Compact and robust
- Auto reset
- Set point and dead band externally adjustable

Ranges

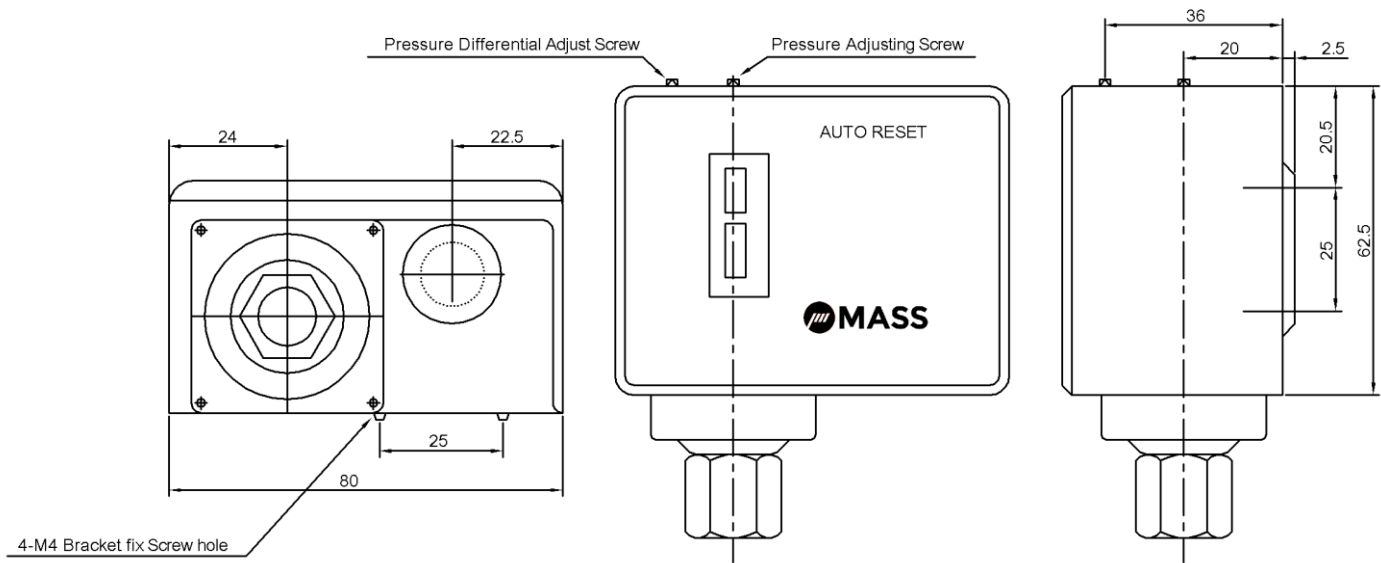
3 bar up to 30 bar
45 psi up to 450 psi

Applications

Boiler
Water treatment
Compressor
Pressure pumps
Firefighting equipment
Furnace
Refrigeration



Technical specification	PSE series					
Construction	Weatherproof					
Switch functions	One set point, single pole double throw (SPDT)					
Measuring principle	Bellow					
Range in bar	-0.5~3	0.5~6	1~10	5~16	5~20	5~30
Differential in bar						
Min	0.35	0.6	1	2	2	3
Max	1.5	4	3	5	5	10
Pressure type	Gauge, vacuum and compound					
Process connection	1/4"BSP (F)					
Connection location	Lower					
Material						
Pressure connection	Brass nickel plated					
Bellow	Phosphor bronze					
Housing	Galvanized steel with plastic cover					
Repeatability	2 % F.S.					
Scale Accuracy	5 % F.S.					
Electrical specification						
Microswitch ratings	10 A 24 VDC up to 8 A 250 VAC					
Electrical connection	Through bottom					
General specification						
Permissible						
Ambient temperature	-20 ... 60 °C					
Medium temperature	Max 100 °C					
Storage temperature	-40 ... 60 °C					
Ingress protection	IP42					
CE-mark	As per EN 61000-4-2:2009 / EN6100-4-3:2006					
Weight in kg	0.4					
Accessories	Universal mounting bracket					

General dimensions in mm

Order information

Switch element	Material actuator seal	Range	Engineering unit	Protection	Process connection	Electrical connection
SPDT (S) Standard (8 A 250 VAC, 10A 24VDC)	(B) Connection Brass, Bellow Bronze	-0.5/ 3 0.5/ 6 1/ 10 5/ 16 5/ 20 5/ 30	BAR	(IP) Standard IP42	(13T) ¼ BSP(F)	(=) Standard opening through bottom

How to order

Type	Switch element	Material actuator seal	Range	Engineering unit	Protection	Process connection	Electrical connection
<input type="text" value="PSE"/>	<input type="text" value="S"/>	<input type="text" value="B"/>	<input type="text" value="1/10"/>	<input type="text" value="BAR"/>	<input type="text" value="IP"/>	<input type="text" value="13T"/>	<input "="" type="text" value="="/>