Pressure switch series PSE

General purpose
Repeatability: ±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

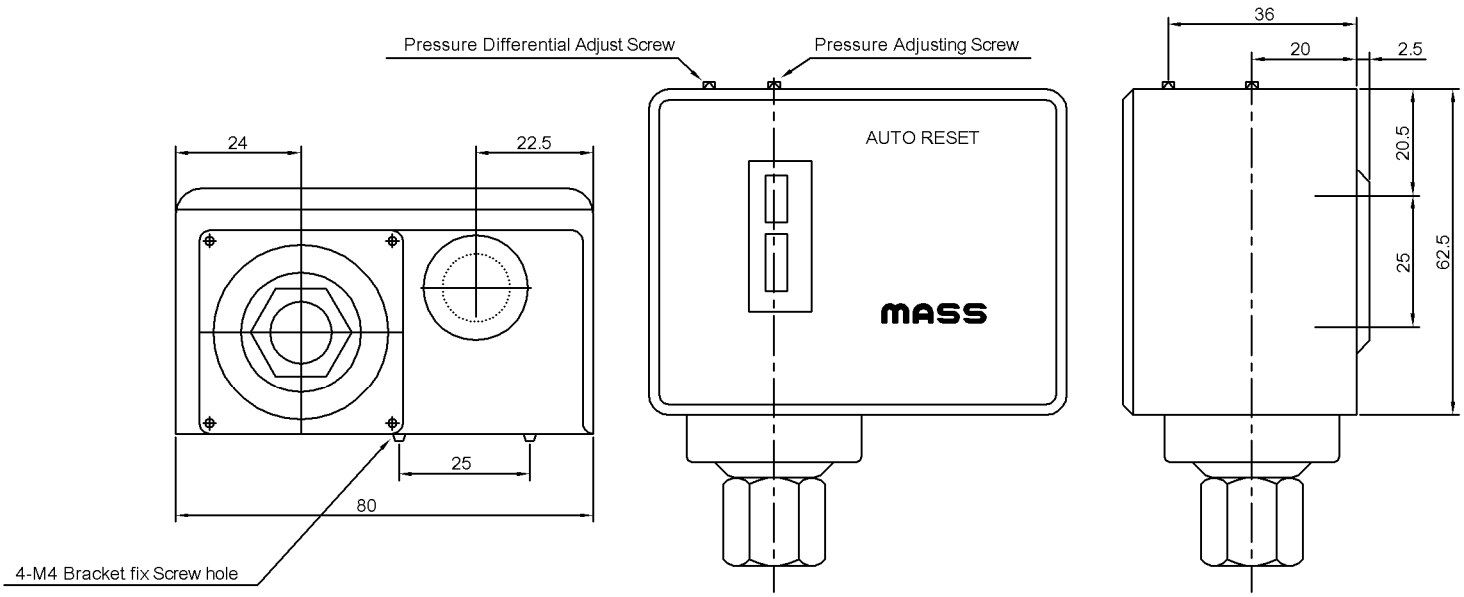
Applications

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), 1/4"NPT (F), 1/4"NPT (M)					
Connection location	Lower					
Material Pressure connection Bellow Housing	 Brass nickel plated, optional SS304 Phosphor bronze, optional SS304 Galvanized steel with plastic cover					
Repeatability Scale Accuracy	2 % F.S. 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 Medium temperature Storage temperature	 -20 ... 60 °C Max 100 °C -40 ... 60 °C					
Ingress protection	IP40					
CE-mark	As per EN 61000-4-2:2009 / EN6100-4-3:2006					
Weight in kg	0.4					
Accessories	Universal mounting bracket					

All specifications are subject to change without notice.

General dimensions in mm



Order information

Switch element	Material actuator seal	Range	Engineering unit	Protection	Process connection	Electrical connection	Options
SPDT **(S)** Standard (8 A 250 VAC, 10A 24VDC)	**(B)** Connection Brass, Bellow Bronze **(A)** SS304	**-0.5/ 3** **-0.5/ 6** **1/ 10** **5/ 16** **5/ 20** **5/ 30**	**bar**	**(IP)** Standard IP42	**(13T)** ¼ BSP(F) **(02T)** ¼ NPT(F) **(02)** ¼ NPT(M) **(F1/4)** ¼ Flare connection	**(=)** Standard opening through bottom	**(NH)** Tagging wired **(FS)** Factory adjusted set point

How to order

Type	Switch element	Material actuator seal	Range	Engineering unit	Protection	Process connection	Electrical connection	Option
PSE	S	B	1/10	Bar	IP	13T	JL	NH

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