DIFFERENTIAL PRESSURE SWITCH EXPLOSION PROOF TYPE DPS2000X

Combine With Switch Available
Weather Proof, Piston Type
CLASS I, GROUPS A, B, C, D;
CLASS II, GROUPS E, F, G; NEMA 4X
Range Available: 0-1-14 kg/cm² (0-14-200psi)

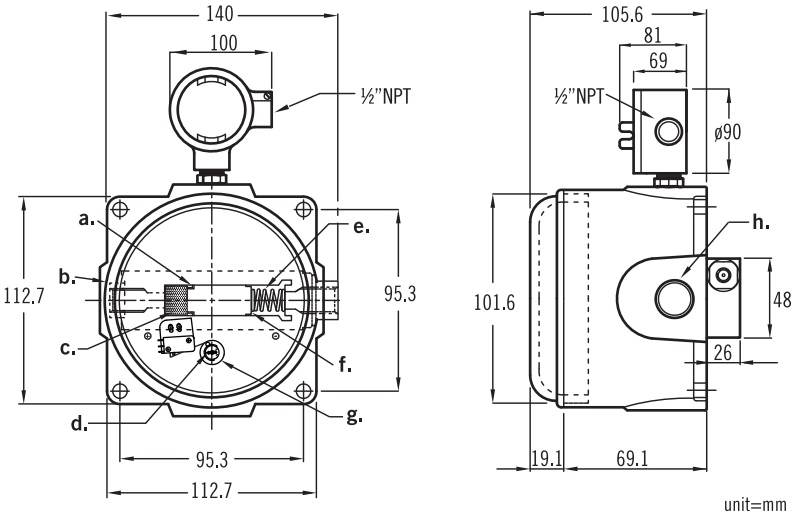


DPS2000X consist of high and low pressure ports. Spring magnet couple with pointer. Differential pressure switche due to ΔP pressure of high side and low side be made from magnet couple combine with micro switch for using in controller system.

Technical Data

Accuracy: ±2% F.S. (on rising pressure)
Hosuing: Die cast aluminum alloy
Pressure Element: Wetted parts all in SS316
Process Connection: ¼"NPT female, option with adaptor available
Conduit Connection: ½", ¾"NPT female, option available
Working Pressure: 200 kg/cm²
(Both of High & Low side must be pressured on line at the same time.)
Working Temperature: max. 80°C
Adjustable Micro Switch: One adjustable alarm contact, SPDT
Load: 5A/250VAC/125VAC/30VDC
Temperature: -25°C ~ +100°C (AMB)
Hysteresis: ±10% of full scale (Dead Band)

Dimensions



Parts Name

a.	Teflon Seal
b.	Standard Case
c.	Piston Magnet
d.	Rotary Magnet
e.	Range Spring
f.	Piston
g.	Setting Cam
h.	Conduit

Range Selection Table

Code	Adjustable Range	
	psi	kg/cm²
09R	0~9	0~0.6
11R	0~11	0~0.75
14R	0~14	0~1
30R	0~30	0~2
40R	0~40	0~2.5
60R	0~60	0~4
100R	0~100	0~7
140R	0~140	0~10
200R	0~200	0~14

Ordering Information

DPS2000X	Code	Range
		Please refer to the *Range Selection Table*.

Code	Wetted Parts Material
A	SS316

Code	Process Connection
	(1) ¼"NPT Female (2) option

Code	Conduit Connection
	(A) ½"NPT (B) ¾"NPT (C) option

Code	Switch Form
1	One SPDT

DPS2000X					

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