SIGHTFL mail@sightflow.com.au Tel: 1800 539220

Differential Pressure Switch EXPLOSION PROOF TYPE DPS2000X

Combine With Switch Available Weather Proof, Piston Type CLASS I, GROUPS B, C, D; CLASS II, GROUPS E, F, G; NEMA 4X

Range Available: 0-0.6-14 kg/cm² (0-9-200psi)

DPS2000X consist of high and low pressure ports. Spring magnet couple with pointer. Differential pressure switch 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: ½"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/125VAC, 5A/250VAC, 2A/30VDC Temperature: -25°C ~ +100°C (AMB) Hysteresis: ±10% of full scale (Dead Band)



Patent No.

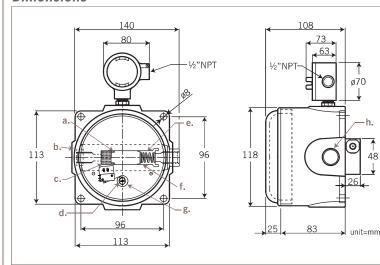
China: ZL 2012 2 0666839.5

Approvals:





Dimensions



Parts Name

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

Range Selection Table

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	Code	Adjustable Range						
	Couc	psi	kg/cm ²					
	09R	0~9	0~0.6					
	11R	0~11	0~0.75					
	14R	0~14	0~1 0~2					
	30R	0~30						
	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										
			Plea	ise ref						
			Co	ode	Wetted Parts Material					
A SS316										
					Code		Process Connection			
						(1) ¼"NPT Female (2) Option				
							Code Conduit Connection- Fe		male	
								(A) ½"NF	½"NPT (B) ¾"NPT (C) Option	
								Code	Switch Form	
								1	One SPDT	
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DPS2000X										

