

PS11 – Ultra-Long Life OEM Pressure Switches

0.55 to 12 psi (40 to 800 mbar)
 1,000,000 Cycle Life
 5ectory Fixed or Adjustable Cet Di

Factory Fixed or Adjustable Set Points

For low pressure applications, the longevity of our PS11 Series is hard to beat. A life expectancy of 1 million cycles means long-term reliability. Their snap-action microswitch resets automatically and meets or exceeds industry standards. The brass housing offers chemical resistance at an affordable price.

Specifications

Operating Temperature	-40°F to +180°F (-40°C to +80°C)			
Switch*	5 Amp at 24 VDC and 250 VAC; 0.5 Amp @ 24 VDC (-G option)			
Repeatability	±2% of Full Set Point Range at 70°F (20°C) ambient temp.			
Wetted Parts				
Diaphragm	Nitrile (optional Viton [®] , EPDM or Kapton [®])			
Fitting	Brass			
Housing	Brass			
Electrical Termination	DIN 43650A IP00; Terminals IP00; Flying Leads IP00			
Proof Pressure	150 psi (10 bar)			
Approvals	CE, UL Approved units available			
Weight, Approximate	0.31 lbs. (0.14 kg)			

*Gold contacts (option G) may be required for less than 12 VDC and 20 mA.

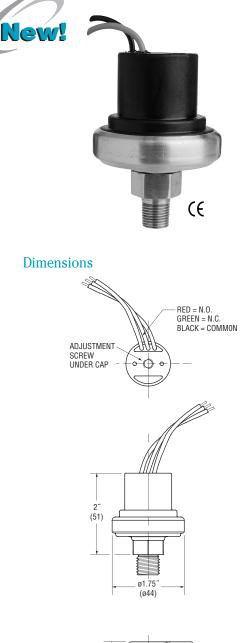
How To Order

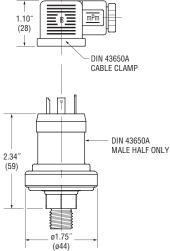
Use the **Bold** characters from the chart below to construct a product code.

SELECT	PS11	-10	-4MNB	-C	-HC	-XX	-XXXX
1. Pressure Range Code Insert Pressure Range Code from table	e below		Т	Т	Т	Т	Τ
 Pressure Fitting¹ -2MNB 1/8" NPTM Brass; -4MNB 1/4" -2FNB 1/8" NPTF Brass; -4MGB 1/4" E -4MSB 7/16"-20 SAE Male, Brass; -6MSB 9/16"-18 SAE Male, Brass 							
3. Circuit -A SPST/NO; -B SPST/NC; -C SPDT -AA DPST/NO; -BB DPST/NC; -CC DPE)T						
 4. Electrical Termination² -FLXX Flying Leads³; -ELXX 1/2 Male NPT Conduit w/Flying Leads³; -H DIN 43650A Male Half Only; -HC DIN 43650A 9mm Cable Clamp; -HN DIN 43650A 1/2 NPT Female Conduit 							
 5. Options V Viton[®] Diaphragm; -E EPDM Diaphragm; -K Kapton[®] Diaphragm; -IP Ingress Protection⁴; -G Gold Contacts (for loads less than 12 mA @ 12 VDC); -OXY Oxygen Cleaned; -WF Weather Pack Connector, Female; -WM Weather Pack Connector, Male; -DE Deutsch Connector, Male, DT04 Series 							
 Fixed Set Point (optional) A. Specify set point -FS (in PSI or mB. B. Set Point Actuation R on Rising Pressure; F on Falling I 	Pressure						
Example: -FS200MBARF for 200 mBA Notes:	R Falling	or - FS	3PSIR fo	or 3 PSI	Rising		
 Other connectors available. Consult factory. DIN units are available with -C SPDT circuit 18" is standard. Specify lead length in inche Ingress Protection requires Fixed Set Point Set Point must be within Pressure Range s Plastic housing is vented to atmosphere. Cr 	only. s (max. 48 - FS . elected in	Step 1 a	above.		L.		
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Pressure Range Table

Pressure Range Code	Pressure Range	Average Dead Band
10	1-4 psi (68.9-275.8 mbar)	.0702 psi (5-15 mbar)
20	3.5-12 psi (241.3-827.4 mbar)	.36 psi (20-45 mbar)





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