

PRESSURE SWITCH EXPLOSION PROOF TYPE PS2000X

**CLASS I, GROUPS A, B, C, D;
CLASS II, GROUPS E, F, G; NEMA 4X**
Protection: IP68
Proof Pressure to 5000psi
Adjustable Ranges: 10~4000psi
Temperature: -30 to 205°C

The New-Flow PS2000X, an explosion proof pressure switch, is designed to be used in control systems. PS2000X has high set point repeatability and narrow dead band features. A variety of range selections are available upon request. Easily adjusted to the set point, and no special tools needed!

Technical Data

Switch Data: one SPDT & two SPDT Microswitch, 15amps 125/250VAC, DC 125V 0.4A, DC 30V 3A / Gold Contact Microswitch 1A 125/250VAC
Housing: die cast aluminum alloy with paint
Conduit Connection: 3/4" or 1/2"NPT Female
Pressure Element: welded type diaphragm
Process Material: wetted parts all in SS316
Process Connection: 1/2" or 1/4" NPT Female
Repeatability: ±1% of full scale

Range Selection Table

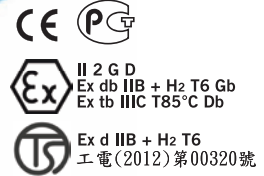
Code	Adjustable Range	Dead Band	Maximum Pressure Proof	Code	Adjustable Range	Dead Band	Maximum Pressure Proof
10R	10~100psi	0.9~2.1	3000psi	130R	100~1300psi	5.5~15	3000psi
20R	35~200psi	1.4~5.4	3000psi	240R	300~2400psi	19.6~39.5	4000psi
30R	50~300psi	1.4~6.9	3000psi	400R	400~4000psi	32.5~65.6	5000psi
60R	100~600psi	1.7~15.1	3000psi				

Ordering Information

PS2000X	Code	Range	Code	Wetted Parts Material	Code	Process Connection	Code	Conduit Connection	Code	Switch Form	Code	Explosion Type
	10R	10~100 psi	20R	SS316		(1) 1/2"NPT Female (2) 1/4"NPT Female		(E) 3/4"NPT Female, standard (F) 1/2"NPT Female	1	One SPDT	2	Class I, Groups A, B, C, D; Class II, Groups E, F, G; NEMA 4X
	130R	100~1300 psi	240R					(E) 3/4"NPT Female, standard (F) 1/2"NPT Female	2	Two SPDT (one setting point)	3	EC-Type Examination: ITRI/TAIWAN- Exd IIB + H2T6
									3	Gold Contact (SPDT)		EC-Type Examination: ATEX- II 2 G D Ex db IIB + H2 T6 Gb Ex tb IIIC T85°C Db
												IECEX Certificate on Housing Only: Ex d IIB + H2 Gb T6 Ex tb IIIC Db T85°C
PS2000X												Complete Ordering Code



PATENT NO.
M295332
M334932
China: 920135



Dimensions

