

PS2200X

PRESSURE SWITCH EXPLOSION PROOF TYPE

PS2200X

**CLASS I, GROUPS A, B, C, D;
CLASS II, GROUPS E, F, G; NEMA 4X**

Protection: IP68

Proof Pressure to 1000psi

Adjustable Ranges: 0.05~9.8psi

Temperature: -30 to 205°C

The New-Flow PS2200X, an explosion proof pressure switch, is designed to be used in control systems. PS2200X 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, no special tools needed!

Technical Data

Switch Data: one SPDT & two SPDT Microswitch, 15amps 125/250VAC, Gold Contact Microswitch 1A 125/250VAC

Housing: die cast aluminum alloy with paint

Conduit Connection: ¾" or ½" NPT Female

Pressure Element: welded type diaphragm

Process Materials: wetted parts all in SS316

Process Connection: ½" or ¼" NPT male

Range Selection Table

Code	Adjustable Range	Dead Band	Maximum Pressure Proof
04R	0.05~1.8psi	0.015~0.3	1000psi
10R	0.4~2.8psi	0.2~0.5	1000psi
20R	0.4~5.0psi	0.3~0.6	1000psi
30R	1.6~9.8psi	0.3~0.8	1000psi



PATENT NO.

M295332

M334932

China: 920135

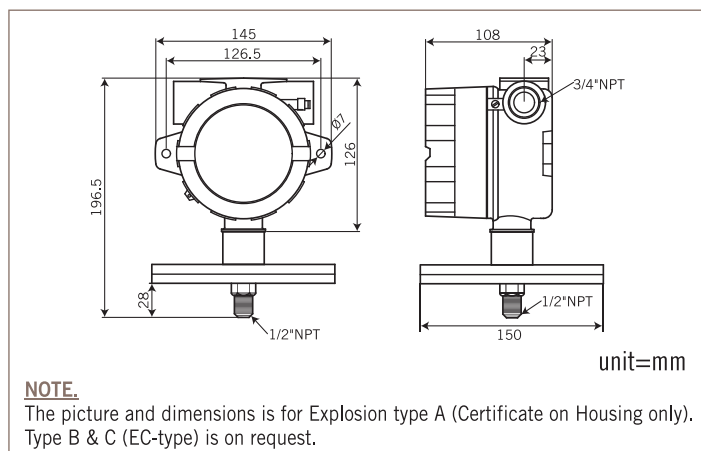


II 2 GD
Ex d IIB + H₂ Gb T₆
Ex tb IIIC Db T₈₅°C



Ex d IIB + H₂ T₆
工電(2012)第00320號

Dimension



NOTE

The picture and dimensions is for Explosion type A (Certificate on Housing only). Type B & C (EC-type) is on request.

Ordering Information

PS2200X	Code	Range							
		04R	0.05~1.8psi	10R	0.4~2.8psi	20R	0.4~5.0psi	30R	1.6~9.8psi
		Code	Wetted Material						
		A	SS316						
		Code	Process Connection						
			(1) ½" NPT male (2) ¼" NPT male						
		Code	Conduit Connection						
			(E) ¾" NPT Female, standard (F) ½" NPT Female						
		Code	Switch Form						
		1	One SPDT						
		2	Two SPDT (one setting point)						
		3	Gold Contact (SPDT)						
		Code	Explosion Type						
		A	Certificate on Housing Only—Class I, Groups A, B, C, D; Class II, Groups E, F, G; NEMA 4X						
		B	EC-Type Examination: ITRI/TAIWAN—Exd IIB + H ₂ T ₆						
		C	EC-Type Examination: ATEX—II 2 GD Ex d IIB + H ₂ Gb T ₆ Ex tb IIIC Db T85°C						
PS2200X									Complete Ordering Code