unit=mm



Pressure switch KPLOSION PROOF TYPE

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Tel: 1800 539220

Explosion Proof Type Protection: IP68

Proof Pressure to 1000psi Adjustable Ranges: 2~100psi Temperature: -30 to 205°C Dead Band: Adjustable

The New-Flow PSA2100X, an explosion proof pressure switch, is designed to be used in control systems PSA2100X has high set point repeatability and adjustable dead band features. There are a variety of range selections available upon request. Easily adjusted to the set point, no special tools needed!

Technical Data

Switch Data: 20Amp @125, 250 or 480VAC; 5Amp, DC125V Housing: die cast aluminum alloy with paint, and SS316 available Conduit Connection: Female 3/4", 1/2"NPT, and M20 x P1.5 available

Pressure Element: welded type diaphragm

Process Material: wetted parts are all in SS316
Process Connection: Female ½" or ¼" NPT, BSP, PT; and M20xP1.5

thread available

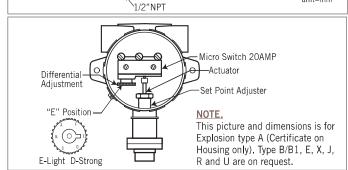
Range Selection Table

Code	Pressure Range	Adjustable Dead Band at "E" Position	Maximum Pressure Proof
04R	2~12 psi	1.2~3	1000 psi
10R	2~16 psi	1.6~4	1000 psi
20R	2~20 psi	2~5	1000 psi
30R	3~28 psi	2.8~7	1000 psi
40R	7~100 psi	9.9~28.4	1000 psi

Ordering Information



Dimensions 145 3/4"NPT 85.5



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PSA2100X	Code	Range											
		04R 2	2~12 psi	10R	2~16 ps	i 20 F	2~20 psi	30R	3~28 psi	40R	7~100 psi		
		Code	Wetted Parts Material										
		A SS316											
			Code	Process	Connection	n- Female							
				(1) ½"N	NPT (2) 1/4	"NPT (3)	½"BSP (4) ¼"B	SP (5) ½	2"PT (6) ¼"P	T (7) M2	20 x P1.5		
	Code Conduit Connection												
(E) ¾"NPT Female (F) ½"NPT Female, standard (G) M20 x P1.5 Female								emale					
Code Switch Form													
					1	One SPD	One SPDT						
						Code	Explosion Proof 1	ype / Ho	using Material				
						Α	Certificate on Housing Only (FM Approval) / Aluminum alloy: Class I, Groups A, B, C & D; Class II, Groups E, F & G; Class III; NEMA 4X						
						B/B1	Taiwan Explosion Ex d IIB + H2 T6		ertification / (E	3) Alumir	num alloy (B1) SS316:		
				E International IECEx Certification / Aluminum alloy: Ex db IIB + H2 T6 Gb; Ex tb IIIC T85°C Db				y:					
				Х	Europe Union ATEX Certification / Aluminum alloy: II 2 G D Ex db IIB + H2 T6 Gb; II 2 G D Ex tb IIIC T85°C Db								
						J	Japan Explosion Proof Certification / Aluminum alloy: Ex d B + H2 T6 Gb; Ex t C T85°C Db						
						R	Russia EACEx Ce 1Ex d IIB + H2 T						
						U	UL Certification A			oups E. F	. & G		
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PSA2100X							Complete Orderin	ng Code					