DP82200M

Explosion Proof Type Protection: IP68 Proof Pressure to 750psi

Adjustable Ranges: 400~10000 mmH20

Temperature: -30 to 205°C

The New-Flow DPS2200X, an explosion proof differential pressure switch, is designed to be used in control systems. DPS2200X 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, DC 125V 0.4A, DC 30V 3A, / Gold Contact Microswitch 1A 125/250VAC, / Hermetically Sealed Switch 5A/250VAC

Housing: die cast aluminum alloy with paint, and SS316 available **Conduit Connection:** Female 3/4", 1/2"NPT, M20 x P1.5 available

Pressure Element: welded type diaphragm

Process Materials: wetted parts are all in SS316+Titanium

Process Connection: with adaptor $\frac{1}{2}$ " or $\frac{1}{4}$ " NPT, BSP, PT Female;

and M20 x P1.5 thread available

Range Selection Table

Code	Adjustable Range	Dead Band	Maximum Pressure Proof
10R	400~1900 mmH20	30~80 mmH20	750 psi
20R	1000~10000 mmH20	70~200 mmH20	750 psi

Approvals:







TD0400TJ エ電(2012)第00320號 (ITRI)2017第07-00075號









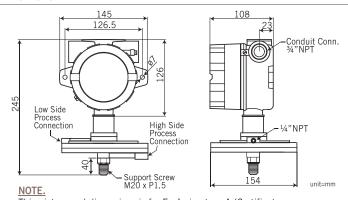
Switches with UL & CSA Recognized and File No. E12252.

JAPAN EX-Certificate CML 17JPN1016X CML 17JPN3024

Patent No.

M450724 China: 2976852

Dimension



This picture and dimensions is for Explosion type A (Certificate on Housing only). Type B/B1, E, X, J, R and U are on request.

Ordering Information

DPS2200X	Code	Range							
	10R	400~19	00 mmH20 20R			1000~10000 mmH20			
Code Wetted Parts Material					aterial				
	A SS316+Titanium								
			Code	Proce	ss Connec				
				(1) 1/2	"NPT (2)) ¼"NPT	(3) ½"BSP (4) ¼"BSP	(5) ½	"PT (6) ¼"PT (7) M20 x P1.5
Code Conduit			t Connection						
					(E) ¾"NPT Female, standard (F) ½"NPT Female (G) M20 x P1.5 Female				
					Code	Switch F	orm		
						Micro Sw	ritch, 1 SPDT	2	Micro Switch, 2 SPDT (one setting point)
					3a	3a Gold Contact, 1 SPDT 3b		3b	Gold Contact, 2 SPDT (one setting point)
					4a	4a Hermetically Switch, 1 SPDT 4b Hermetically Switch, 2 SPDT (one setting point Code Explosion Proof Type / Housing Material			Hermetically Switch, 2 SPDT (one setting point)
									Material
						Α			M Approval) / Aluminum alloy: ass II, Groups E, F & G; Class III; NEMA 4X
						B/B1	Taiwan Explosion Proof Ex d IIB + H2 T6 Gb	Certific	ation / (B) Aluminum alloy (B1) SS316:
						Е	International IECEx Cer Ex db IIB + H2 T6 Gb;		
						Х	Europe Union ATEX Cer	rtificatio	
						Japan Explosion Proof Certification / Aluminum alloy: Ex d IIB + H2 T6 Gb; Ex t IIIC T85°C Db			
						R	Russia EACEx Certification / Aluminum alloy: 1Ex d IIB + H2 T6 Gb X; Ex tb IIIC T85°C Db		
						U	UL Certification / Aluma Class I, Groups A, B, C	inum ali	loy:
				<u></u>		<u></u>		,	

Complete Ordering Code

DPS2200X