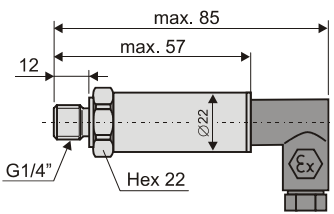


ATEX-Approved Pressure Transmitter PSX

- ♦ Intrinsically safe for Zone 0 and Zone 1
- ♦ Excellent price-to-quality ratio
- ♦ Compact design
- ♦ Positive and negative gauge and absolute pressure
- ♦ Up to 0.25% accuracy
- ♦ Ranges from -1 to 2000 bar
- ♦ Low-pressure ranges available



Technical specifications

Variant	'R'			'A'		
Specifications						
	Pressure			positive and/or negative gauge	gauge w/ sealed reference	absolute
	Ranges to EN [bar]			-0.01/ -0.02/ -0.025/ -0.04/ -0.06/ -0.1/ -0.2/ -0.25/ -0.4/ -0.6...0 0...0.01/ 0.02/ 0.025/ 0.04/ 0.06/ 0.1/ 0.2/ 0.25/ 0.4/ 0.6	-1...0/ 1 0...1/ 1.6/ 2/ 2.5/ 4/ 6/ 10/ 16/ 20/ 25/ 40	0...60/ 100/ 160/ 200/ 250/ 400/ 600/ 1000/ 1600/ 2000 0...1/ 1.6/ 2/ 2.5/ 4/ 6/ 10/ 16/ 20/ 25/ 40/ 60/ 100
	Accuracy			0.5%, 0.25% (option)		
	Repeatability error			≤ 0.3% ≤ 0.15%		
Stability			0.4% per year 0.2% per year			
Temperature drift			≤ 0.03%/°C within -20...85 °C ≤ 0.03%/°C within -20...60 °C			
Pressure sensor type			thin-film resistances			
Overload pressure			min. 3x min. 2.5x min. 2(1.2)x min. 2x			
Bursting pressure			min. 5x min. 3.5x min. 3(1.5)x min. 3x			
Wetted parts			silicone and stainless steel stainless steel			
Housing			stainless steel (IP65)			
Process connection			G1/4" ⁽¹⁾ , 1/4" NPT ⁽¹⁾ , M18x1.5, G1/2", 1/2" NPT, M20x1.5, 7/16"-20 UNF ⁽¹⁾ , 3/8"-24 UNF			
Electrical connection			vented cable or connector standard (unvented) cable or connector			
Output			2-wire 4...20 mA			
ATEX approval			II 1G Ex ia IIB(C) T4 (Zone 0) or II 2G Ex ia IIC T4 (Zone 1)			
Power supply			20...27 VDC (Zone 0) or 9...27 VDC (Zone 1)			
Ambient temperature			-20...60 °C (Zone 0) or -40...85 °C (Zone 1)			
Medium temperature			-20...60 °C (Zone 0) or -40...100 °C (Zone 1)			
Weight			100...150 g (depending on model design)			

⁽¹⁾ Not available for ranges over 1000 bar!

Ordering code PSX★ - G3.G8.G9.G15 - #1.#2 ⁽²⁾

Code	Feature or option	Code values
★	Variant	R - standard gauge, A - standard absolute
G3	Input range ⁽³⁾	RANGE (see table above)
G8	Cable length [m] and type ^(2,3)	1PV...10PV - standard PVC, 1PVV...10PVV - vented PVC, 1PU...10PU - standard PUR, 1PUV...10PUV - vented PUR
G9	Process connection ⁽⁴⁾	Q1 - M18x1.5, Q2 - M20x1.5, Q4 - G1/2", Q10 - 1/2" NPT, Q23 - G1/4" ⁽¹⁾ , Q24 - 1/4" NPT ⁽¹⁾ , Q35 - 7/16"-20 UNF ⁽¹⁾ , Q36 - 3/8"-24 UNF, Z - other (specify!)
G15	Wiring connector ⁽²⁾	C1 - 4(5)-pin connector M12, C7 - DIN 43650 detachable 4-pin connector, C7C - DIN 43650 C detachable 4-pin mini connector, Z - other (specify!)
#1	High accuracy	X - none (0.5% accuracy), HA - 0.25% accuracy
#2	Approval for Zone 0	X - none (approved for Zone 1), Z0 - approved for Zone 0

⁽²⁾ Code EITHER G8 or G15!

⁽³⁾ Applicable for the selected variant

⁽⁴⁾ Mounting adapter type YD, ordered separately (see 'Accessories'), can also be used.