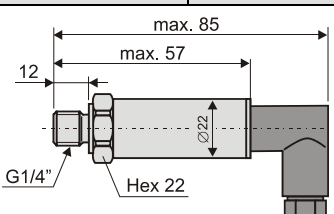


Low-Pressure Industrial Transmitter PSL

- ♦ Ranges down to 10 mbar
- ♦ Compact design
- ♦ Positive and negative gauge and absolute pressure
- ♦ Up to 0.5% accuracy
- ♦ Up to 85 °C process temperature
- ♦ CANopen interface available



Technical specifications

Variant	'R'		'A'	
Specifications				
	positive and/or negative gauge		absolute	
	0...0.01/ 0.02/ 0.025/ 0.04/ 0.06	-0.1/ -0.2/ -0.25/ -0.4/ -0.6 /-1...0 0...0.1/ 0.2/ 0.25/ 0.4/ 0.6/ 1	0...0.01/ 0.02/ 0.025/ 0.04/ 0.06 ⁽¹⁾	0...0.1/ 0.2/ 0.25/ 0.4/ 0.6/ 1 ⁽¹⁾
	1%, 0.5% (option)			
	≤ 0.1%			
Stability	0.1% per year			
Non-linearity	≤ 0.15%			
Temperature drift	≤ 0.03%/°C within -10...70 °C			
Pressure sensor type	thin-film resistances			
Overload pressure	min. 5x	min. 2x	min. 5x	min. 2x
Bursting pressure	min. 8x	min. 3x	min. 8x	min. 3x
Wetted parts	silicone and stainless steel			
Housing	stainless steel (IP65)			
Process connection	G1/4", 1/4" NPT, G1/2", 1/2" NPT, M20x1.5, 7/16"-20 UNF, 3/8"-24 UNF			
Electrical connection	vented cable or connector		standard (unvented) cable or connector	
Output	2-wire 4...20 mA, 3-wire 0...20 mA, 0...5 V, 1...5 V, 0...10 V, or 0.5...4.5 V (ratiometric), CANopen interface			
Power supply	9...32 VDC (12...32 VDC for voltage output)			
Ambient temperature	-40...85 °C			
Medium temperature	-40...85 °C			
Weight	80...120 g (depending on model design)			

⁽¹⁾ Ask for range availability!

Ordering code PSL★ - G3.G8.G9.G11.G15 - #1 ⁽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⁾	Q2 - M20x1.5, Q4 - G1/2", Q10 - 1/2" NPT, Q23 - G1/4", Q24 - 1/4" NPT, Q35 - 7/16"-20 UNF, Q36 - 3/8"-24 UNF, Z - other (specify!)
G11	Output	E - 0...20 mA, F - 4...20 mA, I - 0...5 V, J - 1...5 V, K - 0...10 V, N - 0.5...4.5 V, O - CANopen 2.0 A interface, 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 (1% accuracy), HA - 0.5% accuracy ⁽⁵⁾

⁽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.

⁽⁵⁾ Not available with CANopen