

INDUSTRIAL PRESSURE TRANSMITTER WITHOUT DISPLAY

PM26 SERIES

Electronic Pressure Sensor PM26 1/4" or 3/4" NPT Male Process Connection 4 to 20 mAmp Output

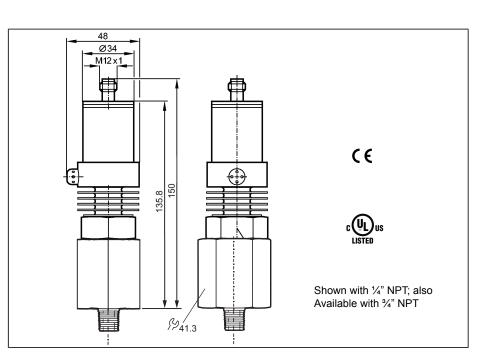
Available in the Following Ranges:

- -5 to 100.4"H₂0 PM2658
- -0.7 to 14.5 PSI PM2657
- -1.8 to 36.3 PSI PM2656
- -14.4 to 58 PSI PM2655
- -7 to 145 PSI PM2654
- -15 to 363 PSI PM2653

Zero & Span Adjustable Programmable via EPS Interface

Connects with Water Tight Standard M12 Industrial Connector (Cables and Connectors Sold Seperatly)

Greatest TEMPCO of the Span



 $< \pm 0.4$

Applications Electrical Design		Type of Pressure: Relative Pressure Hygienic Systems, Viscous Media and Liquids with Suspended Partivcles Liquids and Gases 3 Wire DC; 2 Wire DC
Output		420 mA analog
Operating Voltage	[V]	1430 Volts DC
Reverse Polarity Protection		Yes
Overload Protection		Yes
Analog Output		420 mAmp
Load for Analog Output (Ohms)		Max. (Ub - 13 V) x 50; 550 at Ub = 24 V
Pressure Rating (min)		4 x Pressure Rating
Bursting Pressure (min)		14 x Pressure Rating
Accuracy / Deviations		
(in % of span) Turn Down 1:1		
Characteristics Deviation *)		< ±0.6

Bursting Pressure (min)	14 x Pressure Rating
Accuracy / Deviations	
(in % of span) Turn Down 1:1	
Characteristics Deviation *)	< ±0.6
Linearity	< ±0.5
Hysteresis	< ±0.1
Repeatability **)	< ±0.1
Long-Term Stability ***)	< ±0.1
Temperature Coefficients (TEMPCO)	
in the Temperature Range of 080°C	
(in % of the Span Per 10 K)	
Greatest TEMPCO of the Zero Point	< ±0.1



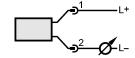
PRESSURE TRANSMITTER

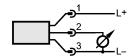
Response Time Analog Output (ms)	10
Ambient Temperature (°C)	-2580
Medium Temperature (°C)	-25125 (145 max 1 Hr)
Storage Temperature (°C)	-40100
Protection	IP67, III
Insulation Resistance (MOhm)	> 100 (500 V DC)
Shock Resistance	DIN IEC 68-2-27: 50 g (11ms)
Vibration Resistance	DIN IEC 68-2-6: 20 g (10 2000Hz)
Min. Pressure Cycles	100 Million
EMC	EN61000-4-2 ESD: 4kV CD / 8 kV AD
	EN61000-4-3 HF Radiated: 10V/m
	EN61000-4-4 Burst: 2kV
	EN61000-4-6 HF Conducted: 10 V
Housing Materials	Stainless Steel 316L/1.4404; PEI; FPM (Viton)
Materials Wetted Surfaces	Stainless Steel 316L/1.4404; Ceramics (99.9% AI2 O3); PTFE; Ra < 0.4/Rz 4
Connection	M12 Connector; Gold-Plated Contacts
Remarks	The devise shall be supplied from an isolating source and protected by an overcurrent device such that the limited voltage circuit requirements in accordance with UL 508 are met. *) Linearity, Including Hysteresis and Repeatability; (limit value setting to DIN 16086) **) With Temperature Fluctuations < 10 K

***) In % of Span per Year

Wiring







Visit our website or request a catalog to see our complete line of high quality precision products including:
Sani-Flow Pressure Gauges, Homogenizer Pressure Gauges, Industrial Stainless Steel Pressure Gauges, Digital Thermometers, Pharma-Flow Pressure Gauges, Chem-Flow Pressure Gauges, Electronic Sensors Cable, Sanitary Temperature Sensors & Thermowells.



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