

Economy Model

PRESSURE TRANSMITTER WITH DIN CONNECTOR



The stainless steel pressure port makes the sensors resistant to aggressive media such as **Air, Oil, Fuel, Diesel, Waste Water** and other aggressive liquids. The sensors are factory calibrated using the state-of-the-art, highly productive **Software Calibration**.

Features

- Ceramic sensing element
- Shock Resistant and Vibration Resistant
- High Accuracy, High Stability
- Wide Operating Temp. Range of -40 to 125 °C
- Output Signal : 4 ~ 20 mA

Model : EQ - PT1003

Specification

Measuring Range	Refer Table - A
Overload Pressure	1.5 Times the rated value
Output Signal	4 to 20 mA
Supply Voltage	9 to 30 V DC
Accuracy	$\pm 0.5\%$ F.S.
Long-term Stability	$\pm 0.2\%$ /FS/Year
Overload Resistance	50 (V - 12) Ω
Temp. Coefficient	$\leq 1 \times 0.0001^\circ\text{C} \cdot \text{F.S.}$
Response Time	10ms
Compensated Temp.	$-10 \sim 70^\circ\text{C}$
Span & full scale Adjustment	$\pm 5\%$ by two trimmers

Protection	IP 65
Weight	Approx. 165 g.

Mechanical Properties Ceramic

Wetted parts	Ceramic
Body	Stainless Steel
Fixing Spanner	27mm
Mounting orientation	Any Direction

Operating Conditions

Operating Temperature Range	$-40 \dots 125^\circ\text{C}$
Storage Temperature Range	$-20 \dots 50^\circ\text{C}$
Humidity	95 % RH

TABLE - A

	Order Code	Operating Range	
Vacuum	EQ - PT 1003 - V1	0 to 1 bar	Low Range
	EQ - PT 1003 - V2	0 to 7 bar	
	EQ - PT 1003 - V3	0 to 10 bar	
Pressure	EQ - PT 1003 - G1	0 to 40m bar	
	EQ - PT 1003 - G2	0 to 5 bar	
	EQ - PT 1003 - G3	0 to 10 bar	
	EQ - PT 1003 - G4	0 to 16 bar	
	EQ - PT 1003 - G5	0 to 100 bar	High Range
	EQ - PT 1003 - G6	0 to 600 bar	



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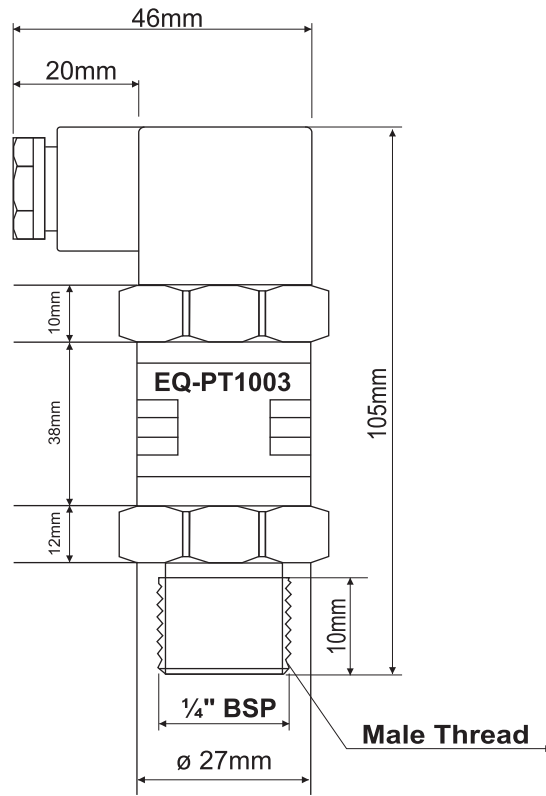
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Dimensions and Application Circuit



Wiring Diagram for Pressure Transmitter

Model : EQ-PT1003

