

Economy Model

PRESSURE TRANSMITTER WITH DIN CONNECTOR

EQUINOX™

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 electronic trimming technology.

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-PT1000

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

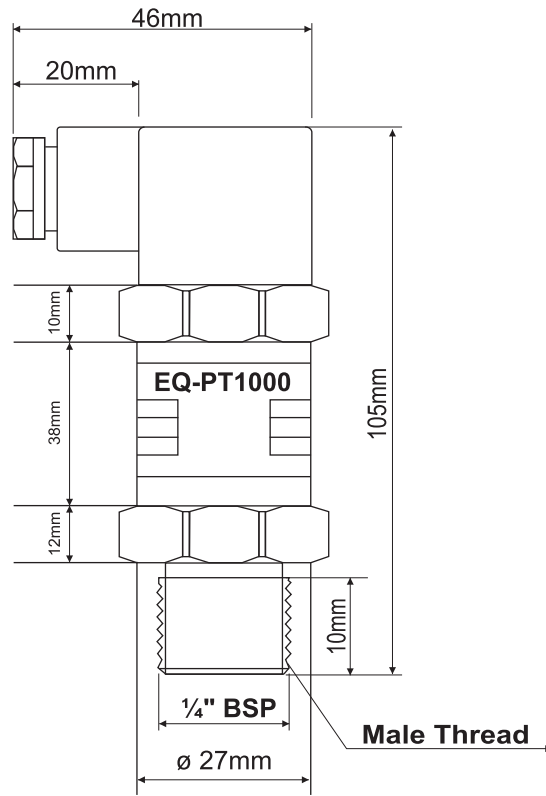
Operating Conditions

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 1000 - V	-1 to 0 bar	Low Range	
	EQ - PT 1000 - V1	-1 to 3 bar		
	EQ - PT 1000 - V2	-1 to 10 bar		
Pressure	EQ - PT 1000 - 1M	0 to 100 mbar		
	EQ - PT 1000 - 01	0 to 1 bar		
	EQ - PT 1000 - 1	0 to 2 bar		
	EQ - PT 1000 - 2	0 to 6 bar		
	EQ - PT 1000 - 3	0 to 10 bar		
	EQ - PT 1000 - 4	0 to 16 bar		
	EQ - PT 1000 - 5	0 to 25 bar		
	EQ - PT 1000 - 6	0 to 40 bar		
	EQ - PT 1000 - 7	0 to 100 bar		High Range
	EQ - PT 1000 - 8	0 to 160 bar		
	EQ - PT 1000 - 9	0 to 250 bar		
	EQ - PT 1000 - A	0 to 400 bar		
EQ - PT 1000 - B	0 to 600 bar			

Dimensions and Application Circuit



Wiring Diagram for Pressure Transmitter

Model : EQ-PT1000

