Economy Model

PRESSURE TRANSMITTER

WITH DIN CONNECTOR

Equinox

The stainless steel pressure port makes the sensors resistant to aggressive media such as 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

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	± 0.5% F.S.
Long-term Stability	± 0.2 %/FS/Year
Overload Resistance	50 (V - 12)Ω
Temp. Coefficient	≤ 1×0.0001ºC • F.S.
Response Time	10ms
Compensated Temp.	-10 ~ 70ºC
Span & full scale Adjustment	±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

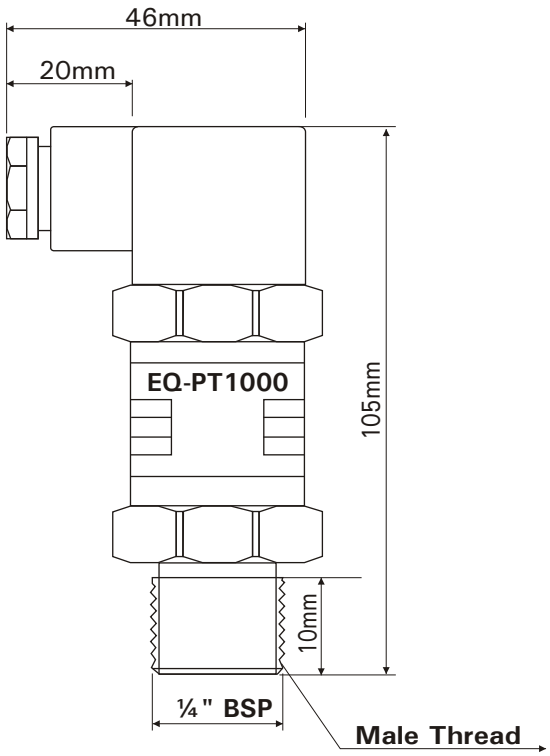
Operating Conditions

Operating temperature range	-40…125°C
Storage temperature range	-20…50°C
Humidity	95% RH

TABLE - A

Order Code	Operating Range	
EQ - PT 1000 – 1	0 to 2 bar	Low Range
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	
EQ - PT 1000 – 8	0 to 160 bar	
EQ - PT 1000 – 9	0 to 250 bar	High Range
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