

Pressure Transmitter with Switching Output and Local Display

Equinox™

A Microprocessor Based Pressure Transmitter with inbuilt local display and 2 OPTO Switch Outputs which is configurable using two Push Button Keys on the front panel and it also has 4 ~ 20mA analog output. The Hysteresis value also can be provided for the alarms.

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
- Local Bright LED Display
- Wide Operating Temp. Range of -40 to 125 °C
- Output Signal : 4 ~ 20 mA
- Two OPTO Switch Outputs
- Easy Programming with Push Buttons
- Ingress Protection IP65

◆ Specification

Range	: Refer the table A
Output Signal	: 4-20mA
Accuracy	: $\leq \pm 0.5\%$ F.S (Including Linearity, Repeatability & Hysteresis)
Long Term Stability	: 0.1% f.s / year
Process connection	: 1/4" BSP
Display Type	: 4-digit, Red LED display Digit Height 7mm, digit width 4.85mm
Decimal Point Display	: Configurable
Sensor	: Piezo Resistive
Response time	: 10 mSec.
Sensor Body	: SS
Digital Damping	: 0 to 20 s (step 0.5 s)
Electrical Connection	: DIN 43650
Power Supply Voltage	: 24VDC \pm 10%
Operating Temp.	: -40 to 125°C
Display Housing	: ABS
Weight	: 180 g



Model: PT-LEDD-1000-X

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	
		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		



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