

1/8" NPT 200psi Pressure Transducer for Oil, Fuel, Air, Water, Diesel, Gas

Stainless steel body

Input: 0-200 psi (Gauge Pressure)

Output: 0.5-4.5V linear voltage output.

0 psi outputs 0.5V

100 psi outputs 2.5V

200 psi outputs 4.5V

Works for oil, fuel, diesel, water, gas or air pressure. Can be used in oil tank, gas tank, diesel tank, etc.

Accuracy: +/-1%FS

Thread: 1/8" NPT

Wiring Connector: Packard plug-in unit is included

Wiring: **Red: +5V**; **White: ground**; **Black: signal output**

It's an advance pressure sender than traditional mechanical pressure sender

Overload Capacity: 2-4 times

Working Temperature: -40—+120°C

Compensation Temperature: -20—+80°C

Protection Class: IP67

Pressure Medium: The gas and liquid which is compatible with 316L stainless steel

Load Resistance: $\leq((\text{supply power}-6.5\text{V}/0.02\text{A})\Omega)$

Long-term stability: Less than 0.1%FS/year

Temperature Effect on Zero: Typical: 0.02%FS/°C; Maximum: 0.05%FS/°C

Temperature Effect on Sensitivity: Typical: 0.02%FS/°C; Maximum: 0.05%FS/°C

Shock Resistance: 1000g

Anti-Shock: $\leq+/-0.01\%FS(X, Y, Z \text{ axes}, 200\text{Hz}/g)$

Response Time: $\leq 1\text{ms}$

Insulation Resistance: $>100\text{m}\Omega$ 500VDC

Weight: 0.1KG

Explosion-proof Class: ExiaTTCT6

Electromagnetism Compatibility: EN50051-1



