

PS-150 PRESSURE SENSOR (0-150 PSI)





Typically used to monitor fuel, oil, and wastegate pressure Not compatible with differential hall-effect or magnetoresistive sensors.

Rating: Not Rated Yet

Price

£118.00

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Description

TECHNICAL DESCRIPTION

- Output: 0.5-4.5V
- Supply: 5V
- Range: 0-150 psi
- Thread size: 1/8" NPT

Connector Pinout:

- A - Ground
- B - 5V
- C - Signal

SPECS

Performance Long Term Drift: 0.2% FS/YR (non-cumulative)

Accuracy: 0.25% FS

Thermal Error: 0.83% FS/100°F (1.5% FS/100°C)

Compensated Temp: -40°F to +257°F (-40°C to +125°C)

Operating Temp: -40°F to +257°F (-40°C to +125°C)

Zero Tolerance: 0.5% of span

SENSORS & VALVES: PS-150 PRESSURE SENSOR (0-150 PSI)

Span Tolerance: 0.5% of span

Response Time: 1ms

Fatigue Life: 1M Cycles

Wetted Parts: 17-4 PH Stainless Steel

Enclosure: IP67 (IP65 for electrical code G)

Vibration: 40G peak to peak sinusoidal, (Random Vibration 20 to 1000hz @ approx 40G peak per MIL-STD-810E)

Shock: Withstands free fall to IEC 68-2-32 procedure 1

EMC (Radiated Immunity): 100V/m

Approvals: CE, conforms to European Pressure Directive, Fully RoHS compliant, UL recognized files #E219842 & E174228

Weight: 35 Grams

Reviews

There are yet no reviews for this product.