

Measurement Solutions 3000 Series Pressure Transducers Amplified Output / 0.25% Error band



Pressure measurement ranges (PSI):

Vacuum - 50, 0 - 50; 0 - 150; 0 - 500; 0 - 3600; 0 - 10000; (other ranges available).
Reference: Gauge, Compound, or, Sealed Gauge.

Specifications:

Excitation: 9-36 VDC (12-36 Vin for 0-10 Vout; 5 Vin for 0.5-4.5 Vout).
Output: 0-5 VDC; 0.5 - 4.5 VDC; 0-10 VDC; 4-20 mA.
Accuracy: +/- 0.25% FS (RSS non-linearity, non-repeatability, & hysteresis).
Response Time: 1 mSec.
Thermal Effects: Zero / Span shift: 0.83%FS / 100 F (over -40 to +221 F).
Fatigue Life: 100 Million Cycles.
Vibration: 40G max to 1000 Hz.

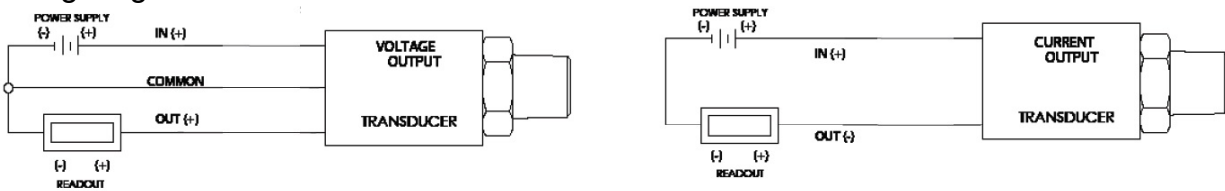
Pressure port:

Thread: 1/4" NPT Male (other ports available);
 Wetted materials: Stainless Steel or Hardening Aluminum.

Electrical:

SDN: Standard DIN, with screw terminals - DIN 43650;
 MDN: Mini DIN, with screw terminals - mini DIN 43650;
 1.5M: Cable Gland. Color Code: Red +Power, Blue +Signal, Yellow/White Common;
 (other connectors available).

Wiring diagram:



Dimensions:

2.64" long (4.78" long including pressure port & mating connector) x 1.02" diameter.

Ordering Information:

MSPT30-[range][reference]-[output]-[fitting]-[electrical]-[option1]-[option2]

Example 1: 0-5 VDC output, 10000 PSI range, Sealed Gauge reference,
 1/4" NPT Male pressure port, Mini-DIN connector with mate, and, 0.25% error band:
 P/N: MSPT30-10000PSG-05V-14NPTM-MDM-0.25

Example 2: 4-20 mA output, -14.7 to +50 PSI range, Compound reference,
 1/4" NPT Male pressure port, 1.5 meter long cable, and, 0.25% error band:
 P/N: MSPT30-50PC-420A-14NPTM-1.5M-0.25

Pricing: \$219 each (10 piece order).

Delivery: 2-3 weeks after receipt and approval of PO.

Payment Terms: Net 30 days OAC, PayPal, or, Credit Card

Please make Purchase Order, and, REMIT to:

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