

Measurement Solutions Pressure Transducer Amplified Output Model#: MSPT31



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: 8-32 VDC.

Output: 0-5 VDC; 0.5 - 4.5 VDC; 1-5 VDC; 1-6 VDC; 1-10 VDC; 4-20 mA.

Accuracy: +/- 0.5% 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.

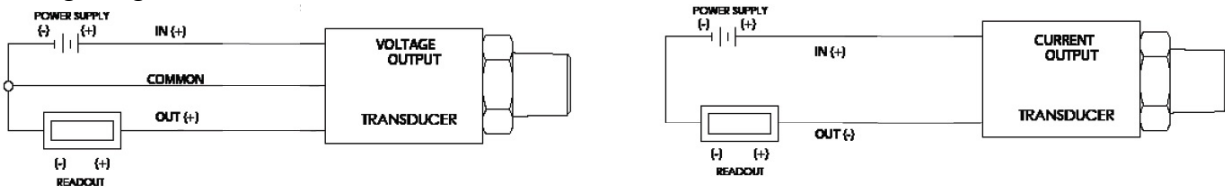
Vibration: 40G max to 1000 Hz.

Pressure port:

1/4" NPT Male (other ports available)

Electrical: Mini DIN, with screw terminals - mini DIN 43650 (other connectors available).

Wiring diagram:



Dimensions:

2.5" long (including pressure port & mating connector) x 0.75" diameter.

Ordering Information:

MSPT31-[output]-[range]-[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 no options
 P/N: MSPT31-05V-10000P-SG-14NPTM-MDM-0

Example 2: 4-20 mA output, -14.7 to +50 PSI range, Compound reference,
 1/4" NPT Male pressure port, Mini-DIN connector with mate, and no options
 P/N: MSPT31-420A-50P-C-14NPTM-MDM-0

Pricing: \$125.00 each, 10 piece minimum order.

Delivery: 1-2 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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