

Measurement Solutions 30HT Series Pressure Transducers High Temp (400F / 200C) / 0.25% Error band



Pressure measurement ranges (PSI):

Vacuum - 15, 0 - 30; 0 - 100; 0 - 300; 0 - 500; 0 - 1000; 0 - 3000, 0-10K (other ranges available).
Reference: Gauge, Compound, Absolute, 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: 30 mSec.
Thermal Effects: Zero / Span shift: 0.83%FS / 100 F (over +32 to +400 F).
Fatigue Life: 10 Million Cycles.
Vibration: 10G max to 1000 Hz.

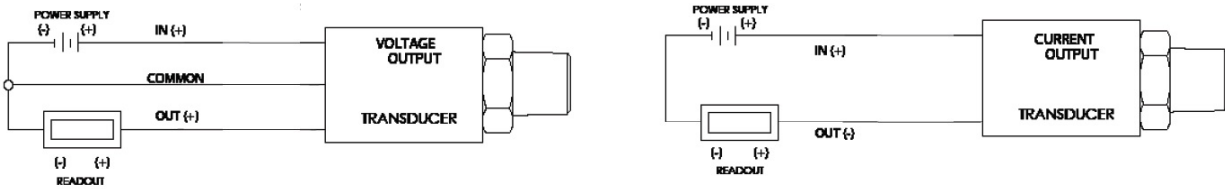
Pressure port:

Thread: 1/4" NPT Male; 7/16-20 UNF; (other ports available);
 Wetted materials: Stainless Steel, FKM (Viton) (no o-ring options).

Electrical:

M12: 12-mm Circular Connector;
 MDN: Mini DIN, with screw terminals - mini DIN 43650;
 1.5M: Cable Gland. Color Code: Red +Power; Blue +Signal; Black Common;
 (other connectors available).

Wiring diagram:



Dimensions:

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

Ordering Information:

MSPT30HT-[range][reference]-[output]-[fitting]-[electrical]-[option1]-[option2]

Example 1: 0-5 VDC output, 3000 PSI range, Gauge reference,
 7/16"-20 Male pressure port, 1.5 meter long Integral Cable, and, 0.25% error band:
 P/N: MSPT30HT-3KPG-05V-716M-1.5M-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: MSPT30HT-50PC-420A-14NM-1.5M-0.25

Pricing: \$745 each (10 piece order).

Delivery: 4-6 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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