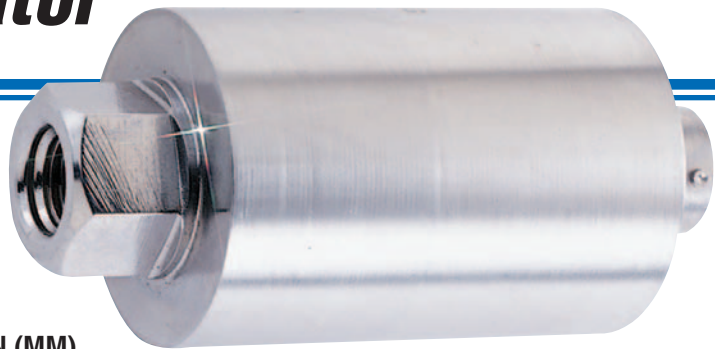


Sputtered Gauge Pressure Transducer with Amplifier/Regulator

Model 6SE01079
0 to 5 thru 0 to 5000 PSI
Isolated 0-5 VDC Output



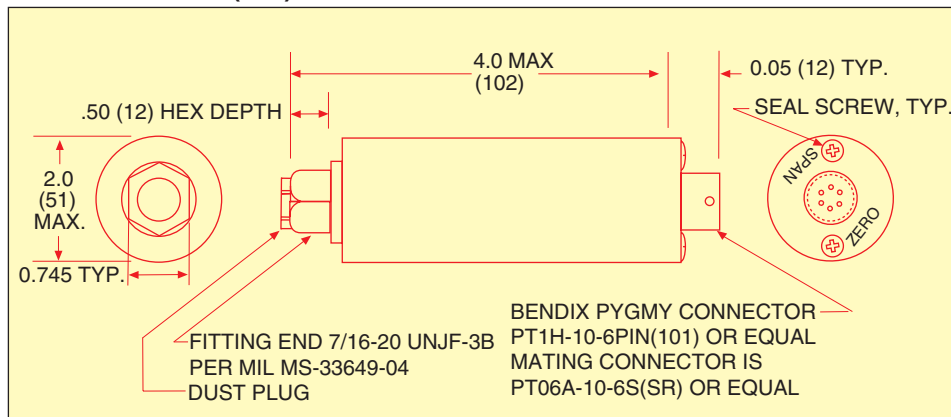
Model 6SE01079
 Shown Smaller Than
 Actual Size



- ✓ High Accuracy
- ✓ Rugged Sputtered Strain Gauge Design
- ✓ All Stainless Steel Construction
- ✓ Isolated 0 to 5 VDC Output
- ✓ Internal Shunt Resistor to Simulate Transducer Output
- ✓ Proven Performance in Extreme Applications

Connections	Connector end
A + 5 VDC	short pins E and
B - 5 VDC	F to simulate
C - 28 VDC	transducer
D + 28 VDC	pressure output
E Shunt	
F Shunt	

DIMENSIONS: IN (MM)



Custom Ranges Available!

To Order (Specify Part Number)

Part Number	Instrument Range	Units	Accuracy
6SE01079-1	0-5	PSIG	0.25%
6SE01079-2	0-10	PSIG	0.25%
6SE01079-3	0-20	PSIG	0.25%
6SE01079-4	0-50	PSIG	0.25%
6SE01079-5	0-100	PSIG	0.25%
6SE01079-6	0-150	PSIG	0.25%
6SE01079-7	0-200	PSIG	0.25%
6SE01079-8	0-500	PSIG	0.25%
6SE01079-9	0-1000	PSIG	0.25%
6SE01079-10	0-1500	PSIG	0.25%
6SE01079-11	0-2000	PSIG	0.25%
6SE01079-12	0-5000	PSIG	0.25%
6SE01079-13	0-50	IN.HgG	0.25%
6SE01079-14	0-100	IN.HgG	0.25%
6SE01079-15	0-200	IN.HgG	0.25%
6SE01079-16	0-500	IN.HgG	0.25%
6SE01079-17	0-1000	IN.HgG	0.25%
6SE01079-18	0-20	PSIA	0.25%
6SE01079-19	0-50	IN.H ₂ O _G	0.25%
6SE01079-20	0-300	PSIG	0.25%
6SE01079-21	0-600	IN.HgG	0.25%
6SE01079-22	0-50	IN.HgA	0.25%
6SE01079-23	0-100	IN.HgA	0.25%

Ordering Example: 6SE01079-6, 0 to 150 psig sputtered strain gauge transducer, 0.1% accuracy with isolated 0 to 5 VDC output. Consult factory for price and delivery.

SPECIFICATIONS

Recommended Excitation: 28 ±4 VDC

Rated Output (RO): 5 VDC ±0.10% (±10% Adjustable) Short Circuit Protected

Zero Balance (% RO): 0 VDC ±10% Adj. (Min.)

Temperature Effect on Zero Balance (% RO): 0.0015/°F (0.0027%/°C)

Temperature Effect on Output (% Reading): 0.0020/°F (0.0036%/°C)

Compensated Temperature Range: 0 to 150°F (-18 to 66°C)

Safe Over Temperature Range: -65 to 200°F (-54 to 93°C)

Safe Overpressure Range (%RO): 150% RO (Max.)

Ultimate Overpressure Range (%RO) 5 to 5000 psi: 300% RO (Max.) (Diaphragm shall not rupture)

Combined Effects Non-Linearity, Hysteresis and Repeatability: 0.15% (Typ.), 0.25% RO (Max.)

Vibration Limit (5-2000 Hz): 0.04% RO/G (Max.)

Thermal Zero Stability: 0.15% RO (Max)

Thermal Sensitivity Stability: 0.10% RO (Max.)

Total Error Band (RSS): Root Sum Square (RSS) addition of errors due to non-linearity, hysteresis, non-repeatability (BSL) zero balance shift (±0.003% RO/°F Nominal) and rated output shift (±0.003% RO/°F Nominal). Shall not exceed 0.50% RO referenced at +75°F (24°C).