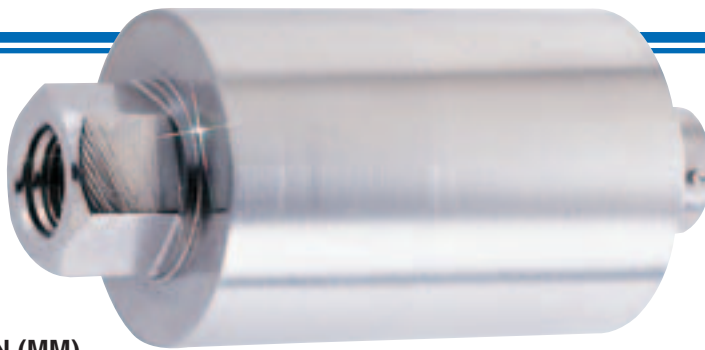


0.25% Accuracy Pressure Transducers All Stainless Steel Construction

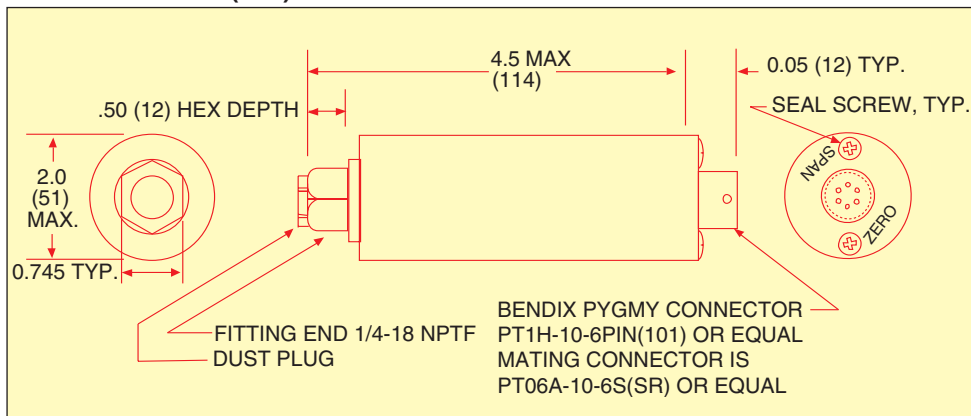
Model 5SE01313
0 to 5 thru 0 to 5000 PSI
Isolated 0-5 VDC Output

Model 5SE01313
Shown Smaller Than
Actual Size



- ✓ High 0.25% Accuracy
- ✓ Rugged Thick Film Design
- ✓ Proven Performance in Extreme Applications
- ✓ All Stainless Steel Construction
- ✓ Isolated 0 to 5 VDC Output
- ✓ Internal Shunt Resistor for Easy System Function Verification
- ✓ High Overpressure Rating

DIMENSIONS: IN (MM)



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

SPECIFICATIONS

Recommended Excitation: 28 VDC ± 4 VDC

Rated Output (RO): 5 VDC $\pm 0.25\%$ ($\pm 10\%$ Adjustable) Short Circuit Protected

Zero Balance (% RO): $\pm 10\%$ Adjustable (Min.)

Temperature Effect on Zero Balance (% RO): 0.0015/ $^{\circ}$ F (0.0027/ $^{\circ}$ C) Max.

Temperature Effect on Output (% Reading): 0.0020/ $^{\circ}$ F (0.0036/ $^{\circ}$ C) Max.

Compensated Temperature Range: -25 to 150 $^{\circ}$ F (-32 to 66 $^{\circ}$ C) Min.

Safe Over Temperature Range: -65 to 250 $^{\circ}$ F (-54 to 121 $^{\circ}$ C) Min.

Overpressure Range (%RO): 5 psi: 300% RO Min.

10-5000 PSI: 150% RO Min.

Ultimate Overpressure Range (%RO) 5-200 psi: 800% RO Min.

350-2000 psi: 300% RO Min. (Diaphragm shall not rupture)

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

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

Thermal Zero Stability (%RO): 0.4% RO (Max.)

Thermal Sensitivity Stability (%RO): 0.3% RO (Max.)

Custom Ranges Available!

To Order (Specify Part Number)

Part Number	Instrument Range	Units	Accuracy
5SE01313-1	0-5	PSIG	0.25%
5SE01313-2	0-10	PSIG	0.25%
5SE01313-3	0-20	PSIG	0.25%
5SE01313-4	0-50	PSIG	0.25%
5SE01313-5	0-100	PSIG	0.25%
5SE01313-6	0-150	PSIG	0.25%
5SE01313-7	0-200	PSIG	0.25%
5SE01313-8	0-500	PSIG	0.25%
5SE01313-9	0-1000	PSIG	0.25%
5SE01313-10	0-1500	PSIG	0.25%
5SE01313-11	0-2000	PSIG	0.25%
5SE01313-12	0-5000	PSIG	0.25%
5SE01313-13	0-50	IN.HgG	0.25%
5SE01313-14	0-100	IN.HgG	0.25%
5SE01313-15	0-200	IN.HgG	0.25%
5SE01313-16	0-500	IN.HgG	0.25%
5SE01313-17	0-1000	IN.HgG	0.25%
5SE01313-18	0-20	PSIA	0.25%
5SE01313-19	0-50	IN.H2OG	0.25%
5SE01313-20	0-300	PSIG	0.25%
5SE01313-21	0-600	IN.HgA	0.25%
5SE01313-22	0-50	IN.HgA	0.25%
5SE01313-23	0-100	IN.HgA	0.25%
5SE01313-24	0-400	IN.HgA	0.25%
5SE01313-25	0-300	PSIA	0.25%

Ordering Example: 5SE01313-6, 0 to 150 psig stainless steel pressure transducer, 0.25% accuracy with isolated 0 to 5 VDC output. Consult factory for price and delivery.

1-800-872-3963
1-800-USA-DYNE

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• Flow and Level

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• Pressure, Strain and Force

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• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters