

Miniature Flush Diaphragm Pressure Transducer

Sensorwerks



Model SSW

- All-welded 17-4 PH Stainless Steel Assembly
- 3/8– 24 UNF Thread
- 0-100 PSI to 0-10,000 PSI
- Bonded Strain Gages
- Liquid or Gas Media

Specifications

Pressure Ranges	0-100 psig through 0-10,000 PSI
Non-linearity & Hysteresis	+/- 1.0 % FS
Non-Repeatability	+/-0.1 % FS
Sensitivity / Output	2 millivolts / Volt
Resolution	Infinite
Overload Pressure	150% Range
Temperature, Operating	-65°F to +250°F
Temperature, Compensated	70°F to 170°F
Temperature Effect, Zero	0.01% FS/°F
Temperature Effect, Span	0.02% Reading/°F
Strain Gages Type	
Excitation(Calibrated)	5.0 Vdc
Excitation(acceptable)	7 Vdc Maximum
Bridge Insulation Resistance	>5000 megohms
Bridge Resistance	350 Ω
Shunt Calibrated Data	Data Supplied -excitation & -output
Wiring Code	Red + excitation, Black – excitation, White + output, Green output
Mating connector	N/A
Media	Liquid or Gas compatible with 17-4PH Stainless Steel
Weight	<2 ounces
Installation Torque	300 in-lb Maximum
5 Ft twisted color coded TFE insulated wires...with a small in-line circuit board 24 inches from sensor	

Customer Supplied Ring #11 (may be shipped with test o-ring)