

Pressure Transducer (Gage / Absolute)

Sensorwerks



Model SWTJE

- 0.1% Static Error Band
- T/C Error <0.0025% FS/°F
- All-welded Stainless Steel
- Sealed Strain Gage Circuitry
- Ranges:0-25 PSI to 0-10,000 PSI

Isolated atmospheric vent chamber on Gage Transducers.
True Absolute Vacuum Reference with welded vacuum seal.

Specifications	
Pressure Ranges	0-25 PSI to 0-10,000 PSI
Accuracy	+/- 0.1% FS
Sensitivity	3 millivolts / Volt
Resolution	Infinite
Overload Pressure	150% Range
	Calibration Certificate included with 5 point calibration
Temperature, Operating	-100°F to +250°F
Temperature, Compensated	70°F to +170°F
Temperature Effect, Zero	0.0025% FS /°F
Temperature Effect, Span	0.0025% Reading/°F
Strain Gages Type	Bonded foil
Excitation(Calibrated)	10 VDC
Excitation(acceptable)	10VDC or VAC
Bridge Insulation Resistance	>5000 megohms @ 50 Vdc maximum
Bridge Resistance	350 Ohms
Shunt Calibration Data	Included
Connector Wiring Code	A/B..... +input C/D..... -input E -output F +output
Mating connector (Std incl.)	5 FT PT06A-10-6S(SR)
Welded-on Electrical Connector	PT01-10-6P

Media	Gas or Liquid compatible with 17-4 PH
Burst Pressure	25-5000 PSI >300% Range 5001 to 10,000 PSI.. 200% Range
Pressure Port	1/4-18 NPT Male ranges up through 1500 PSI Female port above 1500 PSI
Material	17-4 PH Stainless Steel
Weight	11 Ounces
Diameter	1.5 inches
Length	25-500 psig 2.1 inches 501 to 5000 psig 2.36 inches 5001 psi to 10,000 psi 2.39 inches
Cable Options	15 FT Cable/Connector Assembly, four conductor, color coded, shielded, PVC jacketed, pigtail end and PT06A-10-6S plug. Extra Length Available
Options Include	Extended Compensated Temperature Range 7/16-20 UNF- Male Port (MS33656E4) Integral TFE Cable 0-5 VDC Output 4-20 ma-2wire 0-10 VDC