

Flush Diaphragm Pressure Transducer

Sensorwerks



Model SF

- Subminiature Wafer Type
- All Stainless Steel

Specifications	
Pressure Ranges	0-100 PSI to 0-500 PSI (specify)
Accuracy	+/- 1.0 % FS
Repeatability	+/- 1.0 % FS
Sensitivity /Output	30 mv/v
Resolution	Infinite
Overload Pressure	150% F.S.
Temperature, Operating	-65 °F to 275 °F
Temperature, Compensated	60 °F to 160 °F
Temperature Effect, Zero	0.01 % FS/ °F
Temperature Effect, Span	0.03 % FS/ ° F
Strain Gages Type	500 Ohm Semiconductor
Excitation(Calibrated)	5 VDC
Excitation(acceptable)	7 VDC
Bridge Insulation Resistance	5000 megohm
Bridge Resistance	Ranges > 150 PSI, 350 ohms
Shunt Calibrated Data	
Wiring Code	Red / Black +/- Input (Excitation) White / Green +/- Output (Signal)
Mating connector	N/A
Media	Gas, Non Conductive Liquid
Pressure Port	N/A

Material	Stainless Steel
Dimensions	See Drawing
Termination	5ft TFE Insulated & Shielded Cable Balance Circuit Board Located 24" from Transducer.