

AVAILABLE
with Signature
Calibration
SEE PG. IN-5

Ultra Precision Gage/Absolute Pressure Transducers

Model Super TJE



0.05% ACCURACY

TRUE GAGE OR ABSOLUTE

SUPERIOR TEMP. SPECS

AMPLIFIED OUTPUT AVAILABLE

Model Super TJE is one of the most accurate industrial pressure transducers available today. The Super TJE features 0.05% FS Accuracy and a zero temperature error of less than 0.0015% FS/°F. These specifications are maintained by welding a double jacket shell of stainless steel along with our proprietary "True Gage" second diaphragm that isolates the strain gage circuitry from atmospheric contamination. High output options of 5 or 10 Vdc and 4-20 mA eliminate the need for an amplifier card in your data system. An optional internal *Signature Calibration* chip provides calibration information for automatic set up with the Model SC four or twelve-channel digital indicators.

Dimensions

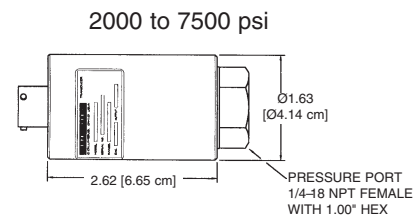
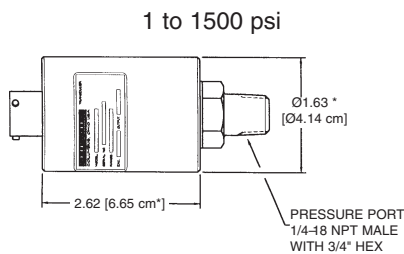
Absolute (Order Code AP112)

Available Ranges

15; 25; 50 75; 100; 150; 200; 300; 500; 750; 1000; 1500; 2000; 3000; 5000; 7500 psi

True Gage (Order Code AP111)

10; 15; 25; 50; 75; 100; 150; 200; 300; 500; 750; 1000; 1500; 2000; 3000; 5000; 7500 psi



Options (See Appendix)

Internal amplifiers: 2a (for replacement only, see page AP-20); 2c (0-5VDC); 2j.

Amplifier enhancements: 3d; Int. shunt cal 8a; Signature calibration 53e

Accessories: Mating connectors and connector/cable assemblies; Pressures port adapters

*For 10 and 15 psi (700 mbar and 1 bar) true gage models, the diameter is 2.00" (5.08 cm).

1-888-282-9891

Honeywell
Sensotec Sensors

www.honeywell.com/sensing

Model Super TJE

True Gage: Order Code AP111
Absolute: Order Code AP112

PERFORMANCE	Pressure Ranges.....	10 to 7,500 psi (700 mbar to 500 bar)
	Accuracy (min.)	±0.05% F.S. (BFSL)
	Output (standard)	2mV/V
	Resolution	Infinite
ENVIRONMENTAL	Temperature, Operating	-65° F to 250° F (-50° to 120° C)
	Temperature, Compensated	60° F to 160° F (15° to 70° C)
	Temperature Effect	
	-Zero (max.).....	0.0015% F.S./° F (0.0027% F.S./° C)
	-Span (max.).....	0.0015% Rdg./° F (0.0027% Rdg./° C)
ELECTRICAL	Strain Gage Type	Bonded foil
	Excitation (calibration)	10VDC
	Excitation (acceptable)	Up to 12VDC or AC
	Insulation Resistance	5000 megohm @ 50VDC
	Bridge Resistance	350 ohms
	Shunt Calibration Data	Included
	Wiring Code (std.)	#2 (See Pg. AP-8)
	Electrical Termination (std.)	PTIH-10-6P or equiv. (Hermetic stainless)
Mating Connector (not incl.)	PT06A-10-6S or equiv.	
MECHANICAL	Media.....	Gas Liquid
	Overload-Safe	50% over capacity
	Overload-Burst	300% over capacity
	Pressure Port	
	10 to 1500 psi	1/4-18 NPT male
	2000 to 7500 psi	1/4-18 NPT female
	Dead Volume.....	0.17 cu. in.
	Wetted Parts Material.....	17-4 PH Stainless
	Type	True Gage or Absolute
	Weight	12 oz. (Nominal)
Case Material	17-4 PH Stainless	
INTERNALLY AMPLIFIED UNITS (Optional)	Outputs Available	0-5VDC, 4-20mA
	Additional Length.....	1.12" (28.5 mm)

NOTES *Gage pressure units greater than 500 psi (35 bar) are sealed at atmospheric pressure.

General Information

How to order (See Pg. AP-19)

Gage/Absolute pressure selection flow chart (See Pg. PR-1)

●お問い合わせは下記へ——

株式会社 クローネ 私達は機能・品質・デザインを追求します。

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