

CS11 Compact Media Isolated Pressure Sensor



FEATURES

- Pressures from 2 PSI up to 2,000 PSI
- Compact design
- 10mV/V output signal
- Wide operating temperature

APPROVALS / CERTIFICATIONS

- ✓ CE

COMMON APPLICATIONS

- Low pressure monitoring
- General industrial equipment
- Pressure measurement in confined spaces
- Control panels

SPECIFICATIONS

Performance @ 25°C

Accuracy*	≤ ±0.25% BFSL ≤ ±0.5% BFSL (2 PSI)
Stability (1 Year)	≤ ±0.25% of FS
Pressure Cycles	10 million
Overpressure	2X minimum
Burst Pressure	5X or 4,000 PSI, whichever is less

**Accuracy includes non-linearity, hysteresis and non-repeatability*

Environmental

EMI/RFI Protection	No
Vibration	10g, 20 to 2000Hz
Shock	100g, 11msec, 1/2 sine

Thermal

Operating Temperature	-40 to +120°C
Media Temperature	-40 to +120°C
Compensated Temperature	0 to +70°C
Storage Temperature	-40 to +125°C
TC Zero	≤ ±1.5% of FS ≤ ±2% of FS (2 PSI)
TC Span	≤ ±1.5% of FS ≤ ±2% of FS (2 PSI)

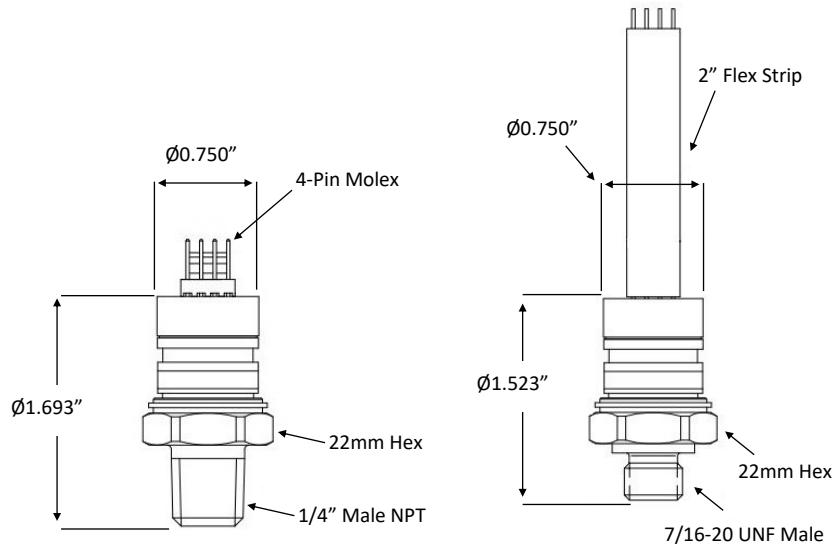
Electrical

	10mV/V
Excitation	5VDC, typical 10VDC, max
Current Consumption	<5mA
Input Impedance	5000 Ohms, typical
Output Impedance	5000 Ohms, typical
Frequency Response (min)	~5kHz
Zero Offset (of FS)	± 2% max
Span Tolerance (of FS)	± 2% max

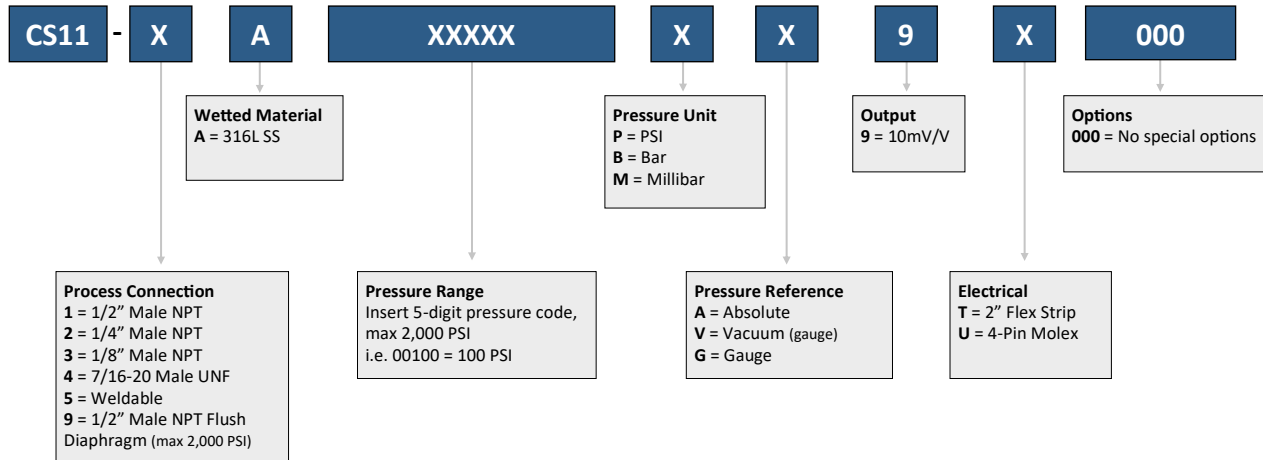
For wiring information, visit core-sensors.com/wiring

DIMENSIONS

*Dimensions are for reference only



MODEL NUMBER CONFIGURATION



Ordering Example: CS11-2A00100PG9U000 (1/4" Male NPT, 316L SS, 0-100 PSI gauge, 10mV/V, 4-Pin Molex)

Not all configurations are available. Our sales team can recommend the closest available configuration based on your requirements.

Contact Core Sensors for configurations not shown.

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