



## FEATURES

- Pressures from vacuum up to 45,000 PSI
- Highly configurable
- IP65 minimum rated
- Wide operating temperature

## APPROVALS / CERTIFICATIONS

- ✓ CE
- ✓ CSA ordinary location available. Contact Core Sensors for more information.

## COMMON APPLICATIONS

- Hydraulic/pneumatic equipment
- Water pressure monitoring
- HVAC/R controls
- Hydrogen
- Control panels

## SPECIFICATIONS

### Performance @ 25°C

<b>Accuracy*</b>	≤ ±0.25% BFSL ≤ ±0.5% BFSL (≤ 2 PSI & >10,000 PSI)
<b>Stability (1 Year)</b>	≤ ±0.25% of FS
<b>Pressure Cycles</b>	100 million
<b>Overpressure</b>	2X minimum
<b>Burst Pressure</b>	5X or 60,000 PSI, whichever is less

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

### Thermal

<b>Operating Temperature</b>	-40 to +85°C
<b>Media Temperature</b>	-40 to +120°C
<b>Compensated Temperature</b>	0 to +55°C
<b>Storage Temperature</b>	-40 to +125°C
<b>TC Zero</b>	≤ ±1% of FS ≤ ±2% of FS (2 PSI & below)
<b>TC Span</b>	≤ ±1% of FS ≤ ±2% of FS (2 PSI & below)

### Environmental

<b>EMI/RFI Protection</b>	Yes
<b>IP Rating*</b>	IP65 minimum
<b>Vibration</b>	10g, 20 to 2000Hz
<b>Shock</b>	100g, 11msec, 1/2 sine

\* IP rating is dependent on electrical termination selected. Contact factory for more information.  
\* IP rating applies when electrical connector is attached with the appropriate ingress protection.

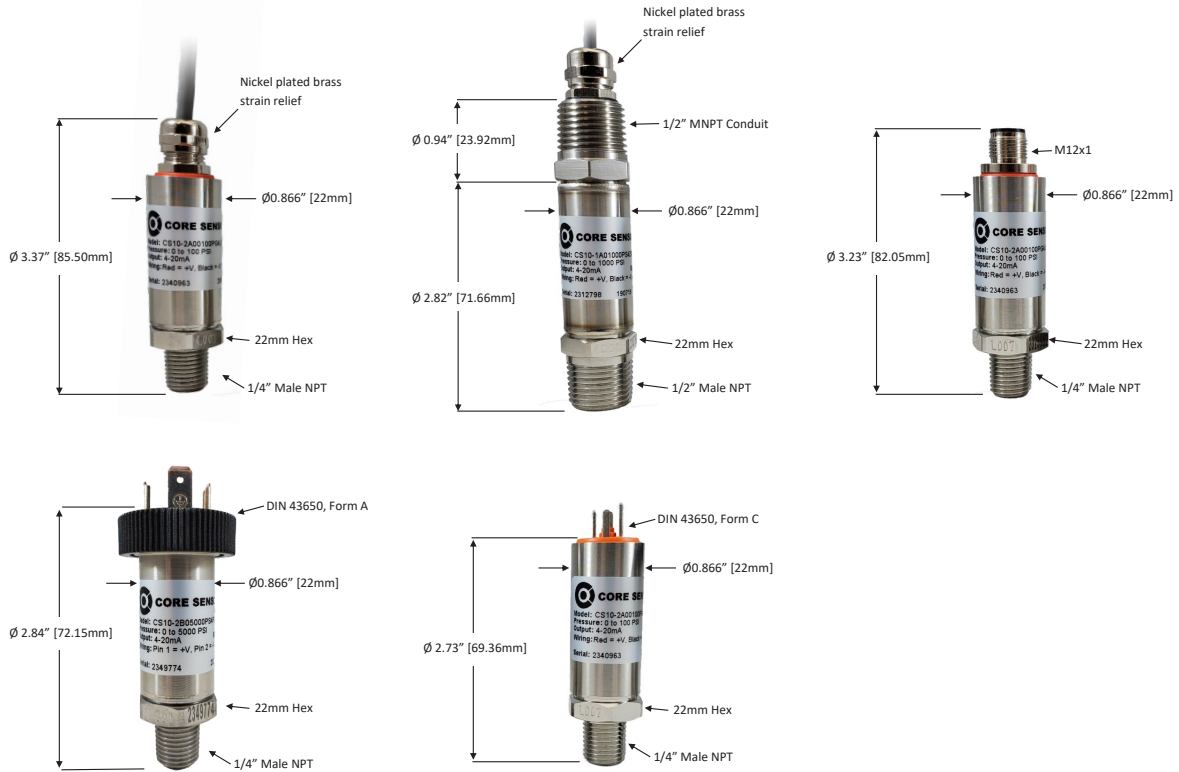
### Electrical

	4-20mA	1-5V, 1-6V, 0-5V	0-10V (3-wire)	0.5-4.5V ratiometric	0.5-2.5V non-ratiometric	10mV/V
<b>Excitation</b>	10-28VDC	10-28VDC	15-28VDC	5VDC +/- 0.5V, regulated	3-5VDC, unregulated	5VDC, typical
<b>Current Consumption</b>	20mA, typical	<10mA	<10mA	<10mA	≤3mA	<5mA
<b>Output Load</b>	0-800 Ohms @ 10-28VDC	5K Ohms, min	5K Ohms, min	5K Ohms, min	5K Ohms, min	>1M Ohms
<b>Frequency Response (min)</b>	~250Hz	~1kHz	~1kHz	~1kHz	~1kHz	~5kHz
<b>Zero Offset (of FS)</b>	≤ ±0.5% typical ± 1% max	≤ ±0.5% typical ± 1% max	≤ ±0.5% typical ± 1% max	≤ ±0.5% typical ± 1% max	≤ ±0.5% typical ± 1% max	± 2% max
<b>Span Tolerance (of FS)</b>	≤ ±0.5% typical ± 1% max	≤ ±0.5% typical ± 1% max	≤ ±0.5% typical ± 1% max	≤ ±0.5% typical ± 1% max	≤ ±0.5% typical ± 1% max	± 2% max

For wiring information, visit [core-sensors.com/wiring](http://core-sensors.com/wiring)

## DIMENSIONS

\*Dimensions are for reference only



## MODEL NUMBER CONFIGURATION

