



Do you use Transmitters or PLCs?



Introducing our new line of Temperature Transmitters

No need for field calibration, just plug in, it's already programmed.



Features and Benefits

- Quicker calibration
- Faster customization
- High accuracy
- Its miniature size
- 4-20mA output
- Easy to install
- Lasts longer
- Vibration and moisture resistant
- Customized for your application
- Able to put it in any package you want

	Hockey Puck Transmitter	Transmitter for OEM	Inline Transmitter
Overall Error	+/- 0.3 °C (0.05 mA)	Customizable, depends on configuration	+/- 0.3 °C (0.05 mA)
Output Signal	DC current 4-20mA, 0-100°C or 25°C-260°C.	Customizable, depends on configuration	DC current 4-20mA, 0-100°C or 25°C-260°C.
Communications Potential	4-20mA	4-20 mA Standard RS-485, I2C, SSI on request	4-20mA
Electrical Characteristics	For 4-20 mA: - Shorted sensor: 2.5 +/- 0.5 mA - Open sensor: 25+/- 2 mA - Inrush current: limited by internal resistor to $V_{in}/100 A$		
Circuit Protection	Protected against reverse voltage - Protected against voltage spikes (to 15000 V, 1 J) and inductive charges		
Burden (Rb)/Burden Error	Negligible		
Step Response	< 2 sec (determined by Pt sensor thermal impedance)	Customizable, depends on configuration	< 2 sec (determined by Pt sensor thermal impedance)
Supply Voltage	4V-40V DC		
Operating Temperature/Storage Range	-.40 to +80 °C	Depends on configuration	-.40 to +80 °C
Long-term Stability	< .0.05 °C% per year		
Climatic Conditions	Potted system is fully submersible	Customizable, depends on configuration	Water Resistant
EMC	Ratings for Interference emission and immunity to interference Complies with FCC class A and B, CE EN 50081-1, EN 50082-1		
Applications	Industrial applications, field instrumentation, scientific instrumentation		
Measurements (sensor, connection head, wiring)	4 screw terminals 2 for power, 2 for PT1000	Customizable, depends on configuration	Male / Female M12