

# TEMPERATURE SENSOR

## COMPACT MINI EXHAUST GAS TEMPERATURE PROBE - STRAIGHT

Fast Response Compact EGT Temperature Probe

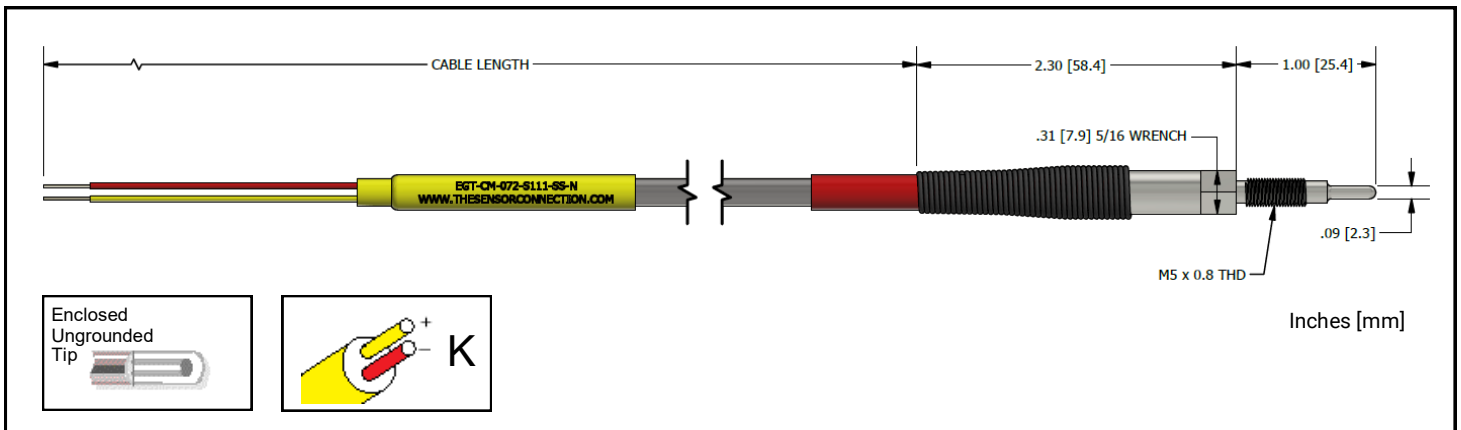
### FEATURES

- Type K thermocouple probe
- Enclosed sensing junction for maximum longevity
- Includes 316 SS adjustable compression fitting
- Stainless steel protected wires
- Designed for engine test and racing environments



### SPECIFICATIONS

**Thermocouple type:** K  
**Range:** -148 to 2372°F (-100 to 1300°C)  
**Accuracy:** +/-0.4% of reading or about +/- 1.1°C (Special Limits of Error)  
**Probe diameter:** 0.090 inch (2.3 mm)  
**Sensing Junction:** Enclosed, Ungrounded  
**Response Time\*:** 350 mS  
**\*Time Constant:** Defined as the time required to reach 63.2% of an Instantaneous temperature change. Five time constants are required to approach 100% of the step change value  
**Outer Sheath Material:** Inconel, melting point 2550°F (1400°C)  
**Cable:** Stainless steel overbraiding over Teflon™ insulated, stranded wires, 20 gage, rated to  
**Compression Fitting:** 316 stainless steel, adjustable, 1/8 inch -27 NPT male thread  
**Wiring:** + = Yellow - = Red



### ORDERING INFORMATION

Model	Cable Length			Connector
<b>EGT-CM</b>	-□□□	<b>-S111</b>	<b>-SS</b>	-□
	<b>072</b> 72 inches <b>144</b> 144 inches <b>300</b> 300 inches			<b>N</b> No connector <b>MP</b> Male mini-plug <b>SP</b> Standard plug

### ORDERING EXAMPLE

EGT-CM-072-S111-SS-N: 72 inch long cable, Type K thermocouple, no connector

