

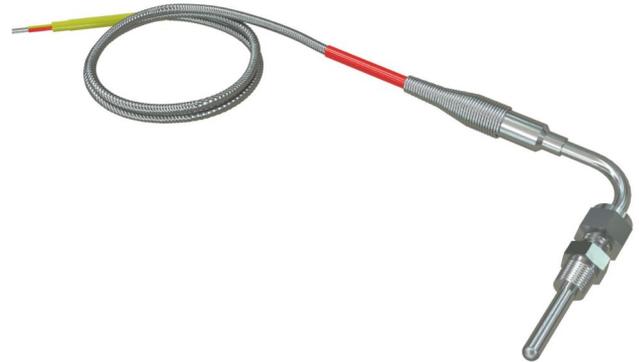
# TEMPERATURE SENSOR

## DIESEL EXHAUST TEMPERATURE PROBE - 90° BEND - 3/16" O.D.

Ruggedized Diesel EGT Temperature Probe

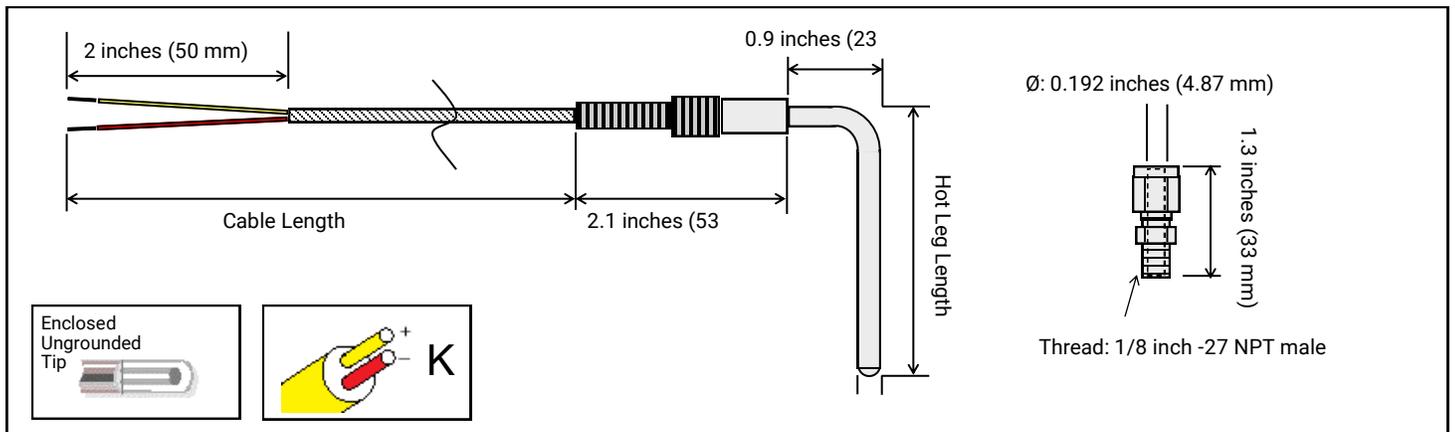
### FEATURES

- Type K thermocouple probe
- Enclosed sensing junction for maximum longevity
- Includes 316 SS adjustable compression fitting
- Stainless steel protected wires
- Designed for engine test & 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:** 3/16 inch (0.187 inch) (4.75 mm)  
**Sensing Junction:** Enclosed, Ungrounded  
**Response Time\*:** 1200 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  
**Compression Fitting:** 316 stainless steel, double ferrule, adjustable, 1/8 inch -27 NPT male thread  
**Wiring:** + = Yellow - = Red



### ORDERING INFORMATION

Model	Cable Length	Hot Leg Length	Material	Connector
<b>EGT-DP</b>	-□□□	-0□11	-SS	- □
	072 72 inches	0 3 inches		<b>N</b> No connector
	144 144 inches	4 4 inches		<b>MP</b> Male mini-plug
	300 300 inches	5 5 inches		<b>SP</b> Standard plug

### MAX TIP INSERTION DEPTH

Hot Leg Length	Max Tip Insertion Depth
3 inches	1.1 inches
4 inches	2.1 inches
5 inches	3.1 inches

### EXAMPLE

EGT-DP-072-0011-SS-N: 72 inch long cable, 3" Hot Leg, no connector

