

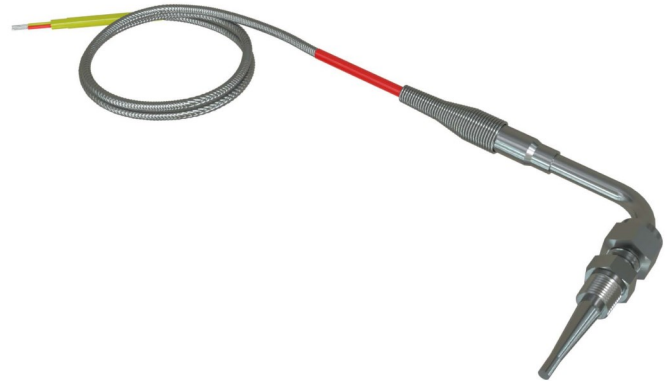
TEMPERATURE SENSOR

DIESEL EXHAUST TEMPERATURE PROBE - 90° BEND - 1/4" O.D.

Swaged Diesel EGT Temperature Probe

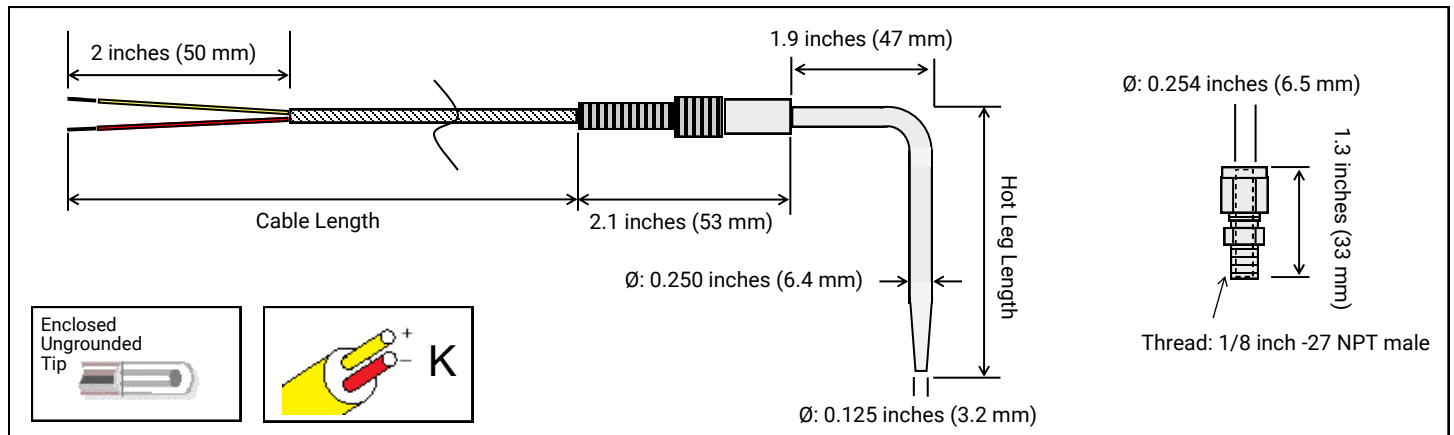
FEATURES

- Type K thermocouple probe
- Enclosed sensing junction for maximum longevity
- Includes 316 SS adjustable compression fitting
- Stainless steel protected wires
- Designed for engine test 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: 1/4 inch (0.250 inch) (6.35 mm) - Swaged to 1/8 inch (0.125 inch) (3.17 mm)
Sensing Junction: Enclosed, Ungrounded
Response Time*: 500 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	Hot Leg Length	Connector
EGT-SW	-□□□	-0 □ 11	-□
	072 72 inches	0 3.5 inches	N No connector
	180 180 inches	5 5 inches	MP Male mini-plug
	300 300 inches	6 6 inches	SP Standard plug

MAX TIP INSERTION DEPTH

Hot Leg Length	Max Tip Insertion Depth
3.5 inches	1.5 inches
5 inches	3.0 inches
6 inches	4.0 inches

ORDERING EXAMPLE

EGT-SW-072-0011-SS-N: 72 inch long cable, 3.5" Hot Leg, no connector

