

TEMPERATURE SENSOR

EXHAUST TEMPERATURE PROBE - WITH INTEGRATED MUFFLER CLAMP

Fast Response EGT Temperature Probe

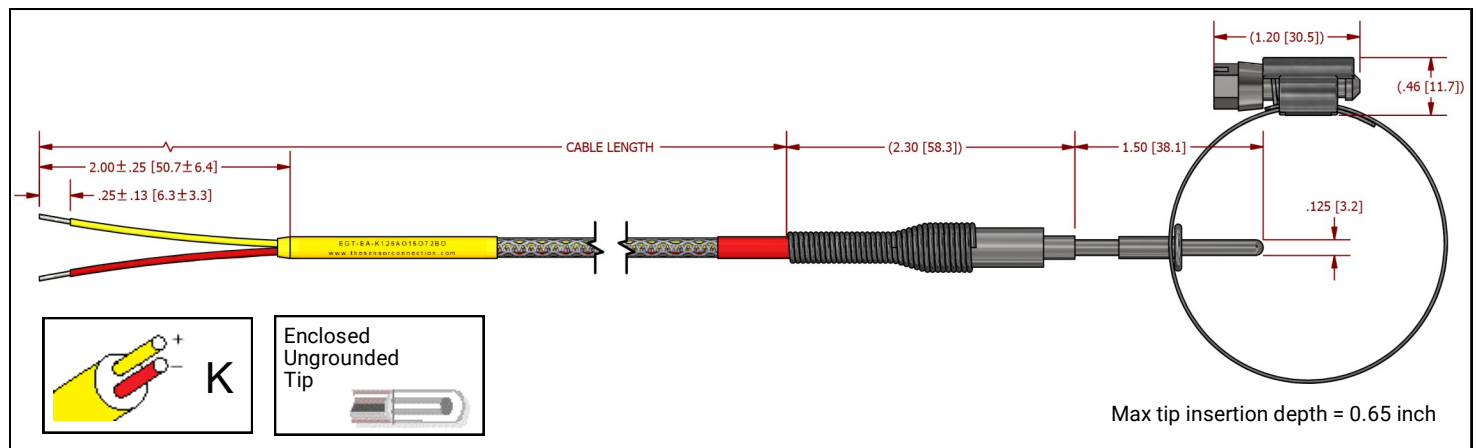
FEATURES

- Type K thermocouple probe
- Enclosed sensing junction for maximum longevity
- Includes stainless steel muffler clamp 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: 1/8 inch (0.125 inch) (3.17 mm)
Sensing Junction: Enclosed, Ungrounded
Response Time*: 550 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	Type		Cable Length	Cable Insulation	Connector
EGT-EA	- K	- 125-A-015	- □□□	- B	- □
	K = K		072 72 inches 144 144 inches 300 300 inches	B = FEP with Stainless Steel Over Braid	0 = Bare Ends 1 = Mini Jack 2 = Mini Plug 3 = Standard Jack 4 = Standard Plug

CLAMP DIMENSIONS

	Smallest	Largest
Adjustable	38 mm (1.5 inch)	63 mm (2.5 inch)

EXAMPLE

EGT-EA-K-125-A-015-072-B-0: , Type K thermocouple, 72 inch long cable, FEP with SSOB insulation, bare ends (no connector)

