



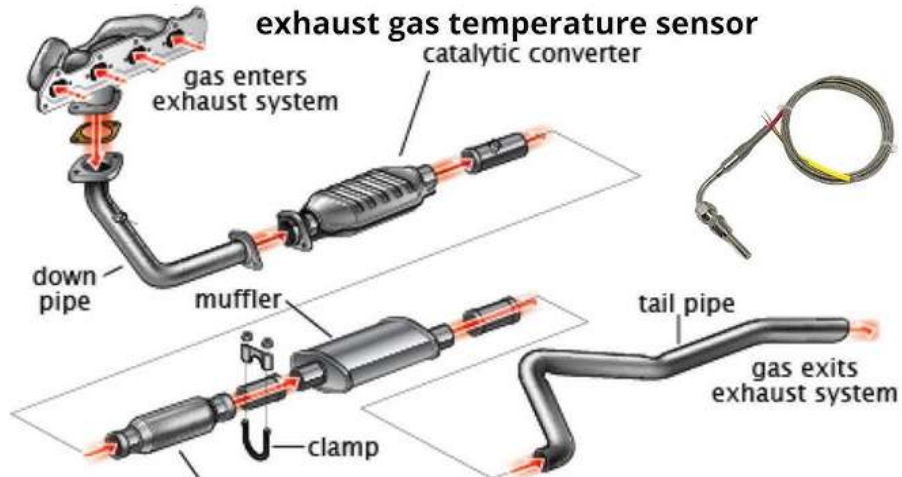
Exhaust Gas Thermocouples (Custom Engineered/Manufactured)

Design Features

- ☀ Designed to meet or exceed OEM specifications.
- ☀ Enables customer to benefit from lower emissions, improved engine efficiency, and performance, therefore, lower fuel consumption.
- ☀ Exposed tip sensing junction provides an immediate response dynamic temperature changes used for racing, tuning, and testing applications in motorsport R&D.
- ☀ Available in Type K and NTC
- ☀ Available in Grounded and Ungrounded junction(for Type K)
- ☀ Available in Inconel 600 sheath with magnesium oxide (MgO) filling(for higher temp.)
- ☀ Fit most IC engine exhaust systems from 0.75" to 4" diameter
- ☀ Suitable for -148 °F(-100°C) to 2372°F (1300°C)
- ☀ Response time as low as 150 msec

Ordering Information

EGT Exhaust Gas Thermocouples are offered with the options listed in the worksheet below. Create an ordering code by filling in the boxes with the appropriate number and/or letter designation for your requirements, and a part number will be assigned.



Ordering Code: **EGT** - 1 2 3 4 5 6 7 8 9

Design BOX 1

S = Straight
U = 90° Bent

Junction BOX 2

G = Grounded
U = Ungrounded

Calibration BOX 3

ANSI Standard **K** = Type K(Cr/Al)
Tolerances **N** = NTC

Tip Diameter BOX 4

A = 0.125" **B** = 0.250"
C = 0.187"
X = Other (Specify)

Extension Cable BOX 5

"L" Dim. In foot
03 = 3 **09** = 9
04 = 4 **10** = 10
06 = 6 **12** = 12
0X = Other (Specify)

Sheath MoC BOX 6

I = Inconel 600 (Standard)
S = SS316
X = Other (Specify)

Cable Insulation BOX 7

S = Tef/Tef with SS braiding (Standard)
T = Tef/Tef
X = Other (Specify)

Mounting Option BOX 8

S = 0.150" (Standard)
X = Other (Specify)

Termination BOX 9

B = 2-1/2 in. Split Leads **P** = Standard Plug
S = Spade Lugs **J** = Standard Jack
X = Other (Specify) **K** = Standard Plug and Jack

Your Reliable Partners in Temperature Sensing, Heating and Controlling Solutions

Email: info@hkgco.com

WWW.HKGCO.COM

Tel: +1-989-501-9025