



Exhaust Gas Temperature Sensor

The Exhaust Gas Temperature Sensor is used in high temperature applications. A typical installation of this type of device is in the engine exhaust header.

The E.G.T. device is made of stainless steel to assure years of durability. The device is connected to a control air system via tubing and fittings. At a predetermined temperature the eutectic solder will melt creating a pressure drop in the pneumatic control system. This pressure drop can be used to shut down the equipment or sound an alarm.

- Total Reliability
- No Maintenance
- No Calibration
- No Deterioration
- Reusable
- Device can be reloaded quickly and easily at our factory.

How to Order

Select applicable length and temperature. Order by part number and temperature.

Example: #300408 - 1170°

To order Thermowell see "Thermowell" "How to order" section page 10.

Available melting temperatures

1170°

1300°

When ordering, specify temperature desired.

Standard Sizes in Stock

Length (L)	Standard Part No.	*EGT. w/Slot
1-1/4"	300408	-
4"	300417	300428
5"	300431	300430
6"	300418	350426

Approximate Overall Length - 2-5/8 plus (L)

Special sizes available on request. Allow for additional delivery time. Please specify melting temperature desired.

**To be used in applications where external venting is required; such as flammable media.*

Details of Installation

EGT direct installation:

Use 1/4" NPT pipe coupling, weld to exhaust pipe, and drill 7/16" hole through exhaust pipe.

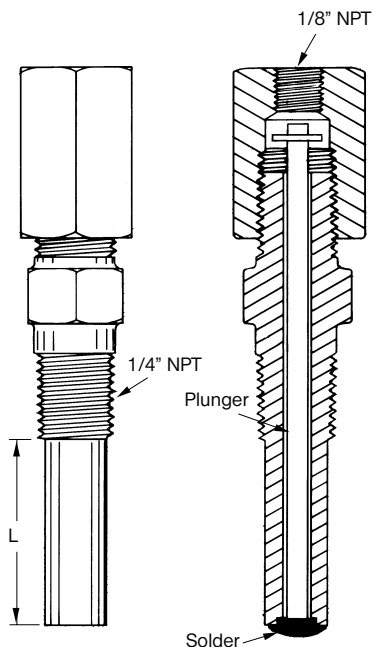
EGT with slot for use with a Thermowell:

To install EGT into Thermowell, insert sensor and

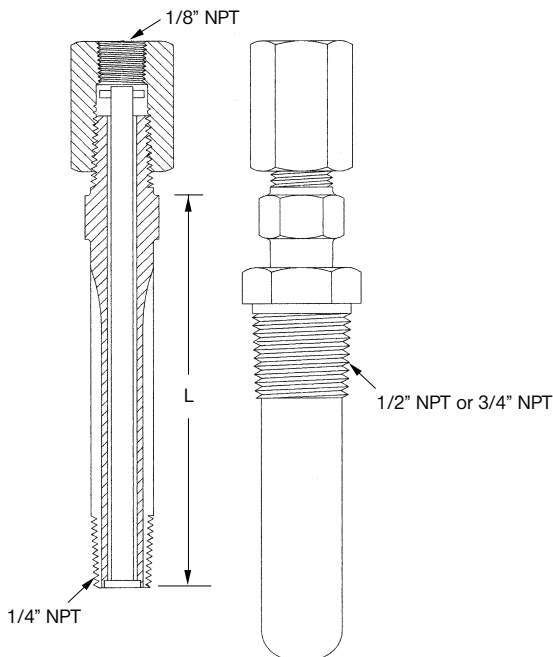
tighten to maximum of 10 foot-pounds. Use no sealants on the probe end threads. Connect control media via tubing and fittings.

For Thermowell see "Details of Installation" on page 11.

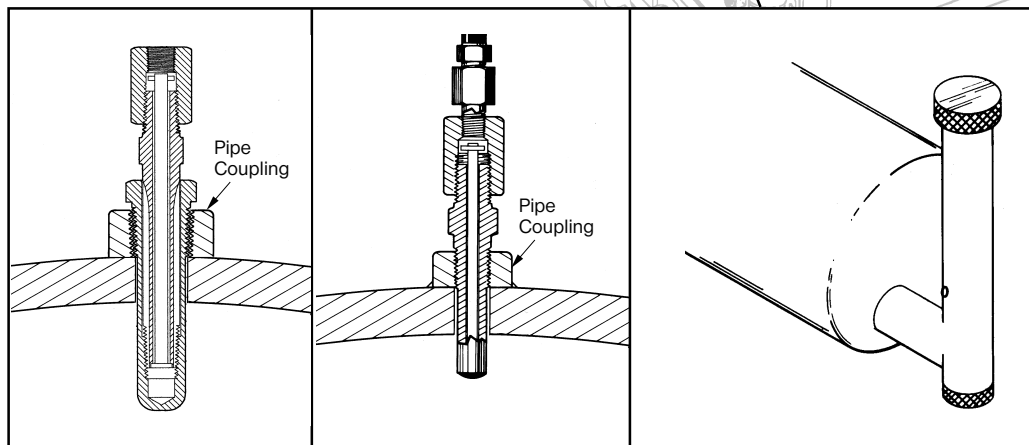
Thermowell (L) length equivalent to Exhaust Gas Temperature Sensor (L) length.



**Exhaust Gas
Temperature Sensor**



**Exhaust Gas
Temperature Sensor**
with slot for use with Thermowell



**Typical Installation
with Thermowell in
Exhaust Header**

**Typical Installation
Exhaust Header**

**Typical Installation in Fired
Vessels**