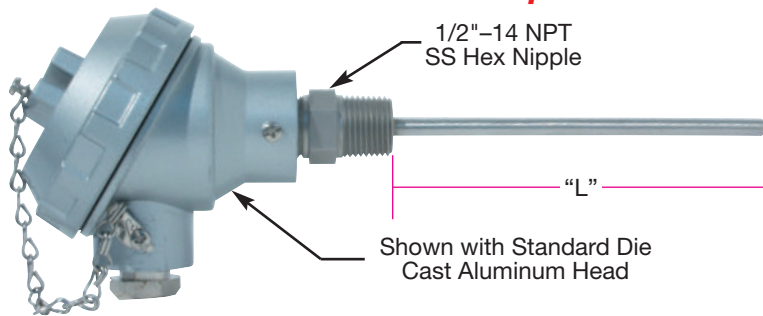


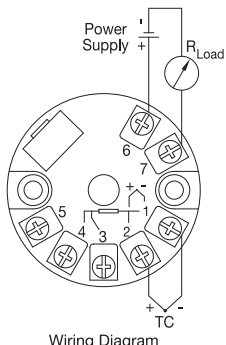
Thermocouples with Transmitter and Connection Head



Design Features

- * 4-20mA Programmable Linear Output Transmitter
- * Available with Spring-Loaded Sheath
- * For field programming of the temperature transmitter see Part Number ETM90006 on page 12-45
- * Transmitter Accuracy of +/-0.2% of temperature span
- * 1/2" NPT Process Connection

Transmitter Ambient Temperature Range:
-40° to +185°F (-40° to +85°C)
Refer to page 12-44 for complete details.



EMT10001



EMT20001

See Connection Head Box 9 below.

Refer to page 12-50 for complete Indicator specifications.

Ordering Information

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:

TTM -

Calibration Code BOX 1

ANSI Standard Tolerances: **J K E T**
Special Tolerances: **3 4 5 6**

Junction Type BOX 7

Grounded: **G** Ungrounded: **U** Exposed: **E**

Insulation BOX 2

M = 96% min. MgO (Standard)
H = 99.4% min. MgO

Transmitter Type BOX 8 (Enter Code Below)

Temperature low range Temperature high range Unit °F / °C

1 = Non-isolated (Standard)
2 = Isolated

Sheath Material BOX 3

A = Alloy 600 **C** = 316 SS
B = 304 SS

Connection Head BOX 9

A = Standard Aluminum **L** = Aluminum Head with LCD Indicator (EMT10001)
B = Medium Size Aluminum **M** = Heavy Duty Aluminum Head with LCD Indicator (EMT20001)
H = Standard Cast Iron
P = Polypropylene Head (FDA Approved) **E** = Explosion Proof (Aluminum)
S = Stainless Steel **T** = Explosion Proof (Stainless Steel)

Sheath O.D. BOX 4

F = .125" **H** = .250"
G = .188"

Note: Conduit connection for A, H & S is 1/2", for B is 3/8" NPT, for P is 3/4" NPT. For overall dimensions see pages 14-98 through 14-100.

Sheath Length "L" BOX 5

Whole inches
01 to 99
For lengths over 99 in. consult TEMPCO.

Spring-Loaded Probe BOX 10

Y = Spring-Loaded
0 = Not Required

Special Requirements BOX 11

X = Specify
0 = None

Sheath Length "L" BOX 6

Fractional inches
0 = 0" **2** = 1/4" **4** = 1/2" **6** = 3/4"
1 = 1/8" **3** = 3/8" **5** = 5/8" **7** = 7/8"

WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov