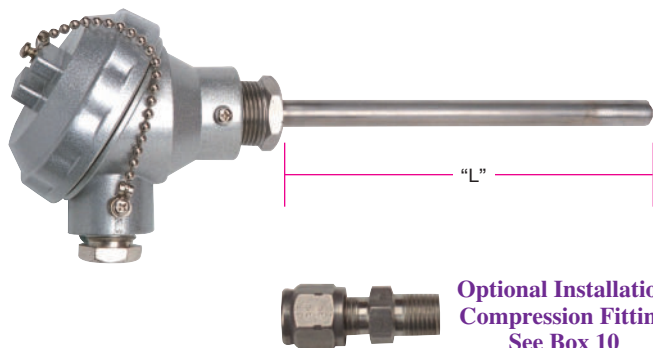




Style MTA5 — Connection Head



Design Features

- * Tempco's connection heads are gasketed to seal against moisture, dust and corrosive or hostile atmospheres.
- * Screw covers are attached to body with a plated chain.
- * Covers have lugs for tightening or loosening with a screwdriver or wrench.
- * Available in single (2-wire) or duplex (4-wire).
- * Tempco's connection heads are available in die cast aluminum, Bakelite and cast iron in a variety of sizes from miniature for confined areas to the large universal head designed for heavy process and industrial applications. See sensor accessories pages 14-98 through 14-100 for complete information.

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: **MTA5** -

Calibration Code BOX 1

ANSI Standard **J K E T N R S B**
 Tolerances
 Special Tolerances **3 4 5 6 7**

Sheath Length "L" BOX 6

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

Sheath Length "L" BOX 7

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"

Number of Conductors BOX 2

2 = Single (Standard)
4 = Duplex

Junction BOX 8

	Grounded	Ungrounded	Exposed
Single	G	U	E
Dual, common	4	5	6
Dual, isolated	—	7	8

Insulation BOX 3

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

Connection Head BOX 9

A = Standard Size Aluminum	P = Polypropylene
B = Medium Size Aluminum	N = Miniature Nickel Plated Steel
C = Miniature Aluminum	S = Stainless Steel
H = Standard Cast Iron	E = Explosion Proof (Aluminum)
F = Standard Bakelite	T = Explosion Proof (Stainless Steel)

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

Sheath Material BOX 4

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

Sheath O.D. BOX 5

D = .063" ±.001	P = 2.0 mm ±.03
F = .125" ±.002	Q = 3.0 mm ±.03
G = .188" ±.002	R = 4.5 mm ±.05
H = .250" +.003/- .002	S = 6.0 mm +.07/- .05
J = .313" +.003/- .002	
K = .375" +.003/- .002	

Optional Compression Fitting BOX 10

1 = 1/8" NPT SS	4 = 1/8" NPT Brass
2 = 1/4" NPT SS	5 = 1/4" NPT Brass
3 = 1/2" NPT SS	6 = 1/2" NPT Brass
0 = None Required	

Special Requirements BOX 11

X = Specify
0 = None

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

(800) 323-6859 • Email: sales@tempco.com