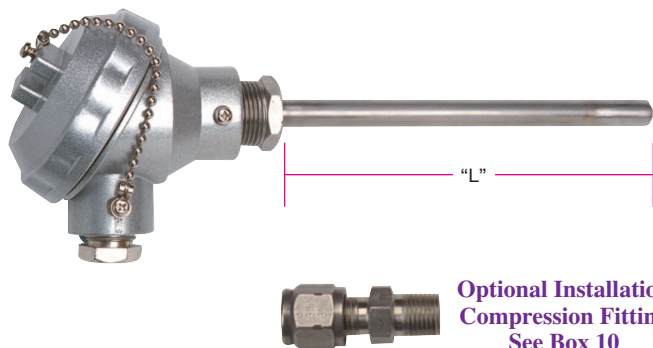




Style MTA5 — Connection Head



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 work-sheet 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