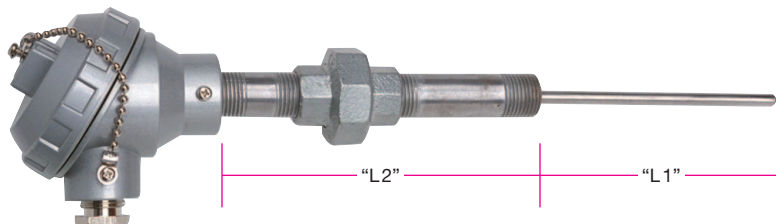


Style MTA8 Connection Head with 1/2" NPT Nipple, Union, Nipple



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 on pages 14-98 through 14-100 for complete information.
- * Nipple-Union-Nipple is galvanized steel.

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:

MTA8 - 1 2 3 4 5 6 7 8 9 10 11 12

Calibration Code BOX 1

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

Junction BOX 8

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

Number of Conductors BOX 2

2 = Single (Standard)
4 = Duplex

Insulation BOX 3

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

Sheath Material BOX 4

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

Sheath O.D. BOX 5

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	

Sheath Length "L1" BOX 6

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

Sheath Length "L1" BOX 7

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

Connection Head BOX 9

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

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.

"L2" Dimension (in.) BOX 10

Nipple, Union, Nipple
 Whole inches **03 to 99**
 Standard Lengths **S1** = 3-1/2", **S2** = 6-1/2", **S3** = 12-1/2"

Spring-Loaded Probe BOX 11

O = Not required
Y = Required

Special Requirements BOX 12

X = Specify
0 = None

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