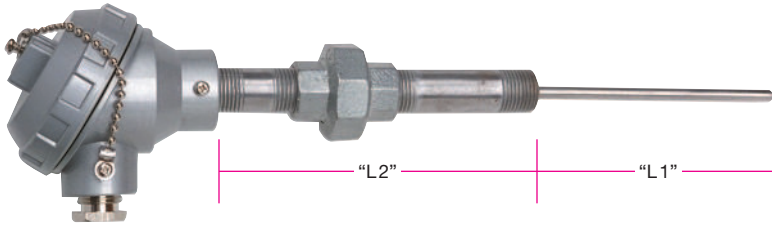


Style MTA8 Connection Head with 1/2" NPT Nipple, Union, Nipple



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.