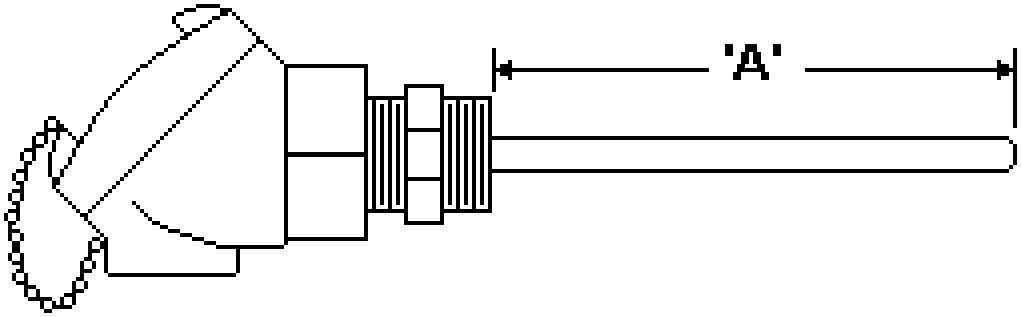
MINERAL INSULATED THERMOCOUPLES

Thermocouple Ordering Information

Style 'H'



Part #: MTC-H-□□□□□-□□-□□□-□□□-□□-□-□

Sheath Diameter (Table 1)	Calibration (Table 2)	Sheath Material (Table 3)	Junction (Table 4)	Length (inches)	SP*	Process Fitting	Head Style

***SP =** Special Limits of Error

If standard limits of error is desired, omit this field.

NOTE: Dual Element Style is notated as 'HH'

NOTE: For any additional modifications to this assembly, add "-MOD" to the end of the part number and provide a physical description of the modification.

Table 1
Sheath Diameter

P/N	Description
010	.010 inches
020	.020 inches
032	.032 inches
040	.040 inches
063	.063 inches
090	.090 inches
125	.125 inches
188	.188 inches
250	.250 inches
313	.313 inches
375	.375 inches

Table 2
Calibration

P/N	Description
1	Type 'J'
2	Type 'K'
3	Type 'T'
4	Type 'E'
5	Type 'R'
6	Type 'S'
7	Type 'B'
8	Type 'N'
X	Special

Table 3
Sheath Material

P/N	Description
1	Alloy 600
2	304 S.S.
3	316 S.S.
4	310 S.S.
5	321 S.S.
6	446 S.S.
7	MI2300
X	Special

Table 4
Junction

P/N	Description
E	Exposed
G	Grounded
U	Ungrounded
EE	Dual Exposed
GG	Dual Grounded
UU	Uncommon-Ungrounded
CU	Common-Ungrounded
X	Special

Table 5
Process Fitting

P/N	Description
A	1/4" NPT
B	3/8" NPT
C	1/2" NPT
D	3/4" NPT
E	1" NPT
F	1 ¼" NPT
G	1 ½" NPT
H	None
X	Special

Table 6
Connection Head

P/N	Description
A	Cast Aluminum
B	Miniature Aluminum
C	Cast Iron
D	Polypropylene
E	Miniature Plastic
F	Explosion Proof
G	Canister Style
X	Special

Example:

Single Element MTC-H-06321-U-012-SP-C-A

Style H, .063" ϕ, Type 'K', Alloy 600 sheath, ungrounded junction, 12" active length, special limits of error, ½" NPT process threads, cast aluminum head.

Dual Element: MTC-HH-06321-UU-012-SP-C-A

Style H, .063" ϕ, Type 'K', Alloy 600 sheath, uncommon-ungrounded junction, 12" active length, special limits of error, ½" NPT process threads, cast aluminum head.

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