**Temperature Sensing**

MI Cable Thermocouple Assemblies

**Style MTA9 Handheld Probe**

**Design Features**
- Coil cord lengths are available only in 1 ft. (5 ft. extended) and 2 ft. (10 ft. extended).
- Coil cord construction is good to 221°F (105°C).
- Fiberglass lead construction is good to 900°F (482°C).
- Teflon® insulated lead construction is good to 392°F (200°C).

**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:

<table>
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<tr>
<th>MTA9</th>
<th>1</th>
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**Calibration Code**
- Box 1
- ANSI Standard Tolerances: J, K, E, T, N
- Special Tolerances: 3, 4, 5, 6, 7

**Sheath Length “L”**
- Box 6
- Whole inches: 01 to 99
- For lengths over 99 in., consult TEMPCO.

**Lead Wire Construction**
- Box 11
- Overbraid / Flex Armor
- Coil Cord: C
- Fiberglass: S
- Teflon®: T

**Lead Wire Termination**
- Box 12
- P = Standard Male Plug
- J = Standard Female Jack
- K = Std. Plug with Mating Jack
- D = Mini Male Plug
- E = Mini Female Jack
- F = Mini Plug with Mating Jack
- B = Std. — 2-1/2” Split Leads
- S = Leads with Spade Lugs
- C = 2-1/2” Split with BX connector and Spade Lugs

**Junction**
- Box 8
- Single / Grounded: G
- Ungrounded: U
- Exposed: E
- Dual, common: 4
- Dual, isolated: 5
- 6
- 7
- 8

**Tip**
- Box 9
- R = Round Tip
- D = Drill Point
- F = Flat Tip
- O = Exposed Junction

**Sheath O.D.**
- Box 5
- F = .125” ± .002
- G = .188” ± .002
- H = .250” ± .003/-.002

**Lead Wire Length**
- Box 10
- In inches: 012 to 999
- For Coil Cords Enter 060 or 120

**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 Length “L”**
- Box 7
- Fractional inches:
  - 0 = 0”
  - 1 = 1/8”
  - 2 = 1/4”
  - 3 = 3/8”
  - 4 = 1/2”
  - 6 = 3/4”
  - 5 = 5/8”
  - 7 = 7/8”

**Handle Type**
- Box 13
- 1 = Stainless Steel
- 2 = Teflon® 500°F (260°C)
- 3 = Bakelite 400°F (204°C)

**Special Requirements**
- Box 14
- X = Specify
- 0 = None

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**WARNING:** Cancer and Reproductive Harm - [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

View Product Inventory @ [www.tempco.com](http://www.tempco.com)