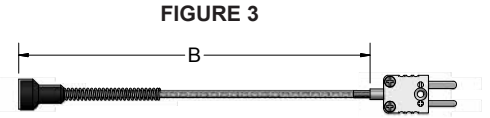
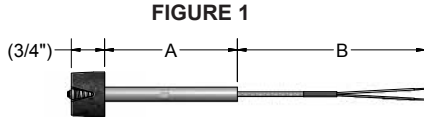


The magnet sensors are designed to measure the surface temperature of ferrous metals with a convenient and non-destructive magnetic attachment. These sensors are designed to be mounted either vertically or horizontally and may be attached to molding press platens, bearing/motor housings and various other metal surfaces. The magnet sensors have a continuous operating temperature of 400 °F. The T and H series can take intermittent temperatures up to 600 °F, but the pull of the magnet will be degraded at temperatures above 450 °F. The M series has a 2 lb. pull force magnet and the T and H series have a nominal 10 lb. pull force magnet.



ORDER CODES

Example Order Number:

JMAG - T - 006 - 304 - T1B072 - 2

1 Thermocouple Types

| CODE | DESCRIPTION |
|------|----------------------|
| JMAG | Type J magnet sensor |
| KMAG | Type K magnet sensor |

2 Magnet Assembly Styles

SHEATH STYLE (FIGURE 1)

| CODE | DESCRIPTION |
|------------------|---|
| T ^[1] | 10 lb. Pull magnet with 5/16" O.D. sheath |

PHENOLIC HANDLE STYLE (FIGURE 2)

| CODE | DESCRIPTION |
|------------------|--------------------------------|
| H ^[2] | 10 lb. Pull magnet with handle |

MINIATURE STYLE (FIGURE 3)

| CODE | DESCRIPTION |
|------------------|-------------------|
| M ^[3] | 2 lb. Pull magnet |

[1] 3 inch minimum "A" dimension

[2] 1 inch minimum "A" dimension

[3] No "A" Dimension required-specify as 000

3 "A" Dimension

Specify 3 digit "A" Dimension length in inches.

4 Bend Options^[1]

| CODE | DESCRIPTION |
|------|-----------------|
| 00 | No Bend |
| 2__ | Sheath bent 45° |
| 3__ | Sheath bent 90° |

[1] Only available with "T" style magnet sensor. Requires a minimum "A" dimension of 4 3/4 inches.

5 Extension Leadwire Type

| CODE | DESCRIPTION |
|--------------------|---|
| F1 | Fiberglass insulation-solid conductor |
| F1B | Fiberglass insulation-solid conductor-stainless steel overbraid |
| F1A ^[1] | Fiberglass insulation-solid conductor-flexible armor |
| F3 | Fiberglass insulation-stranded conductor |
| F3B | Fiberglass insulation-stranded conductor-stainless steel overbraid |
| F3A ^[1] | Fiberglass insulation-stranded conductor-flexible armor |
| T1 | Fluoropolymer insulation-solid conductor |
| T1B | Fluoropolymer insulation-solid conductor-stainless steel overbraid |
| T1A ^[1] | Fluoropolymer insulation-solid conductor-flexible armor |
| T3 | Fluoropolymer insulation-stranded conductor |
| T3B | Fluoropolymer insulation-stranded conductor-stainless steel overbraid |
| T3A ^[1] | Fluoropolymer insulation-stranded conductor-flexible armor |

[1] Not available with M1 series assembly

6 Terminations and Options

| CODE | DESCRIPTION |
|------|--|
| 0 | Leads not stripped |
| 2 | 2" split leads, 1/4" stripped |
| 3 | 2" split leads with spade lugs |
| 4 | Standard plug |
| 5 | Standard jack |
| 6 | Miniature plug |
| 7 | Miniature jack |
| 8 | 2" split leads with 1/4" quick-disconnect female terminal lugs |

Options

| CODE | DESCRIPTION |
|------|---|
| MC | Mating Connector |
| CC | Connector secured to leads with cable clamp |
| BX | 1/2" NPT junction box connector |