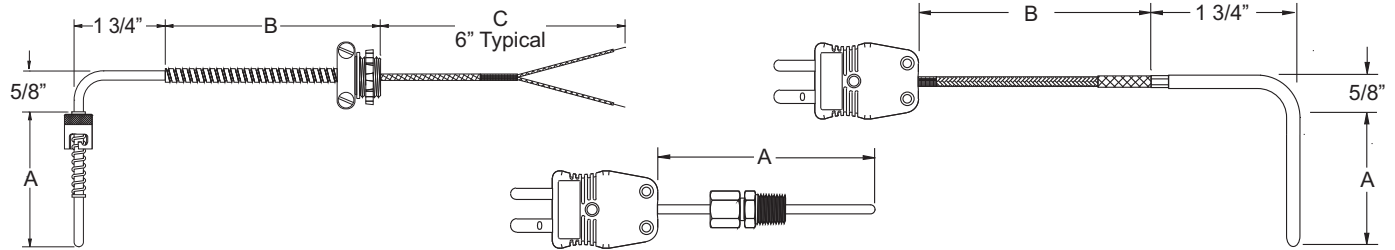


The thermocouples described below are commonly used in the plastic process industry. These assemblies can be used in many general applications where a 1/8" NPT fitting is preferred by utilizing either a compression fitting or a bayonet adapter. These sensors are constructed using a 316 stainless steel sheath. See General Thermocouple Specifications, later in this section, for temperature ratings on selected wire type and other construction specifications.



ORDER CODES

Example Order Number:

1-1 1-2 1-3 2 3 4 5
JP3 3 U - 04 - 13A - F1A012 - 2, BX

1-1 Thermocouple Type

| CODE | | SHEATH OD (inches) |
|--------|--------|--------------------|
| SINGLE | DUPLEX | |
| JP2 | | 1/8 |
| JP3 | JJP3 | 3/16 |
| JP4 | JJP4 | 1/4 |

Other Element Types

For type E, K or T thermocouples, replace J in order code with required letter designation.

1-2 Bend Angle

| CODE | DESCRIPTION |
|------|----------------|
| 1 | Straight |
| 2 | 45 degree bend |
| 3 | 90 degree bend |

1-3 Junction

Grounded junctions supplied as standard. Insert 'U' only when requiring an ungrounded junction.

2 'A' Dimension

Insert 2 digit 'A' length in inches (1" min).
 EX: 04 = 4 inch 'A' dimension.

3 Sheath Fittings

| CODE | DESCRIPTION | NOM. LENGTH (inches) |
|--------------------|--|----------------------|
| 00 | No fitting | |
| 13A ^[1] | 7/16" ID single slot spring-loaded bayonet fitting | 1 5/8 |
| 15A | 1/8" NPT brass one time adjustable comp. fitting | 1 1/8 |
| 01A | 1/8" NPT SS one time adjustable comp. fitting | 1 1/4 |
| 16A | Comp. fitting with bayonet cap and spring - 1/8" OD sheaths only (2 5/8" min. 'A' dimension) | 2 3/8 |

[1] 13A are not available with 1/4" OD sheaths

4 Extension Leadwire Type and B+C Dimension

| CODE ^[1] | DESCRIPTION |
|---------------------|--|
| 000 | No leadwire, connector attached to sheath |
| F1 ___ | Fiberglass insulation - solid conductor |
| F1A ___ | Fiberglass insulation - solid conductor - flexible armor |
| F1B ___ | Fiberglass insulation - solid conductor - stainless steel overbraid |
| F3 ___ | Fiberglass insulation - stranded conductor |
| F3A ___ | Fiberglass insulation - stranded conductor - flexible armor |
| F3B ___ | Fiberglass insulation - stranded conductor - stainless steel overbraid |
| T1 ___ | Teflon [®] insulation - solid conductor |
| T1A ___ | Teflon [®] insulation - solid conductor - flexible armor |
| T3 ___ | Teflon [®] insulation - stranded conductor |
| T3A ___ | Teflon [®] insulation - stranded conductor - flexible armor |

[1] Insert 3 digit B length in inches. EX: F1036=36" B length; for assemblies requiring other than the standard 6" C dimension, insert 3 digit C length in inches after B dimension. EX: F1A036-012=36" B length with additional 12" leads beyond armor.

5 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" female disconnect lugs |
| Options | |
| MC | Mating connector |
| CC | Cable clamp |
| BX | Box connector |