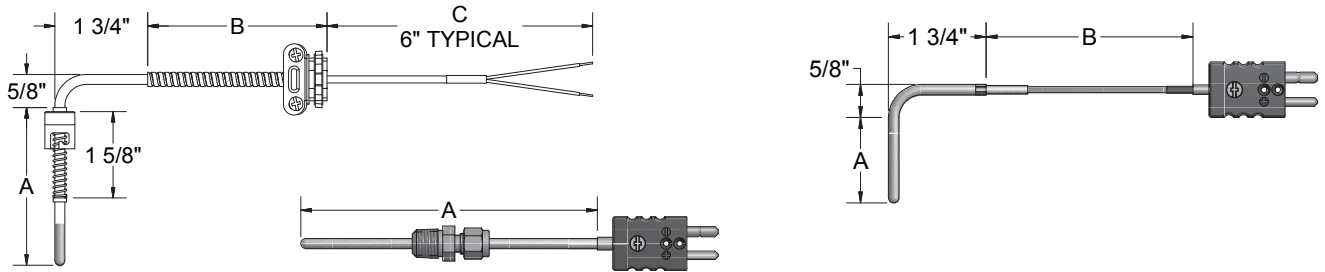


The thermocouples described below are commonly used in the plastic process industry. These assemblies can be used in many general applications where a 1/8" NPT fitting is preferred by utilizing either a compression fitting or a bayonet adapter. These sensors are constructed using a 316 stainless steel sheath and insulated thermocouple wire.



### 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 O.D. (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	NOMINAL LENGTH (inches)
00	No fitting	
13A <sup>[1]</sup>	7/16" I.D. 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" O.D. sheaths only (2 5/8" min. 'A' dimension)	2 3/8

[1] 13A are not available with 1/4" O.D. sheaths

#### 4 Extension Leadwire Type and "B"+"C" Dimension

CODE <sup>[1]</sup>	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 ___	Fluoropolymer insulation - solid conductor
T1A ___	Fluoropolymer insulation - solid conductor - flexible armor
T3 ___	Fluoropolymer insulation - stranded conductor
T3A ___	Fluoropolymer 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