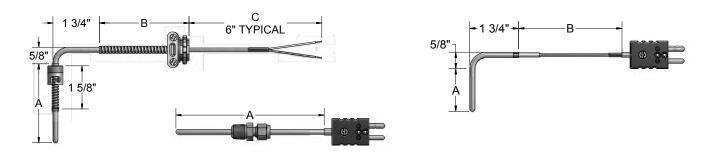


The thermocouples described below are commonly used in the plastic process industry. These assemblies can be used in many general applications where a 1/8" NPT fitting is preferred by utilizing either a compression fitting or a bayonet adapter. These sensors are constructed using a 316 stainless steel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



# ORDER CODES

1-1

JP3

1-2 **3** 

## Example Order Number:

# 1-1 Thermocouple Type

CODE		SHEATH O.D.	
SINGLE	DUPLEX	(inches)	
JP2		1/8	
JP3	JJP3	3/16	
JP4	JJP4	1/4	
Other Element Types			

#### 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
05A	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

13A

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	Fluoropolymer insulation - solid conductor
T1A	Fluoropolymer insulation - solid conductor - flexible armor
T3	Fluoropolymer insulation - stranded conductor
T3A	Fluoropolymer insulation - stranded conductor - flexible armor
1	

[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	
СС	Cable clamp	
ВХ	Box connector	

