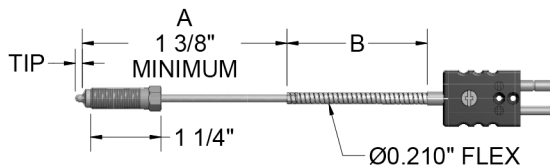
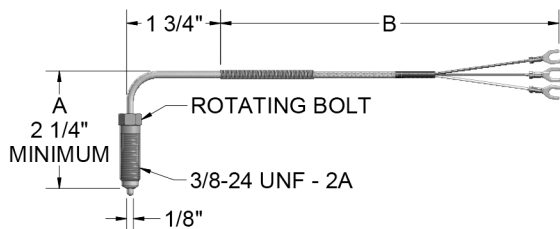


The nozzle-melt temperature sensors listed below are typically placed into the nozzle of a plastic injection molding machine and sense the temperature of the molten plastic prior to being injected into the mold. They are offered in a variety of thermocouple types as listed below. The RTDs are constructed using a 100 Ω platinum element with a temperature coefficient of 0.003 85 $^{\circ}\text{C}^{-1}$ (IEC Class B). Elements of other materials, values, and tolerances are available upon request.



ORDER CODES

Example Order Number:

1 or 1A 2 3 4
JNM32 - **04** - **F3B036** - **3, BX**

1 Thermocouple Type, Tip Length, and Sheath Style

CODE	DESCRIPTION	
	TIP LENGTH	BEND
JNM12	1/8"	Straight
JNM14	1/4"	Straight
JNM22	1/8"	45°
JNM24	1/4"	45°
JNM32	1/8"	90°
JNM34	1/4"	90°

Other Element Types

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

1A RTD Type, Tip Length, and Sheath Style

CODE	DESCRIPTION	
	TIP LENGTH	BEND
RBF1853NM12	1/8"	Straight
RBF1853NM14	1/4"	Straight
RBF1853NM22	1/8"	45°
RBF1853NM24	1/4"	45°
RBF1853NM32	1/8"	90°
RBF1853NM34	1/4"	90°

Other Element Types

All RTDs are supplied as 3 wire construction. Replace the 3 in the part number with a 2 for 2 wire construction.

2 Sheath extension "A"

Insert 'A' dimension in inches using 2 digits.

3 Extension Length "B"

CODE ^[1]	DESCRIPTION
000	No leadwire, connector attached to sheath
F1 _ _ _	Fiberglass insulation - solid conductor
F1A _ _ _	Fiberglass insulation - solid conductor - flexible armor
F3 _ _ _	Fiberglass insulation - stranded conductor
F3A _ _ _	Fiberglass insulation - stranded conductor - flexible armor
F3B _ _ _	Fiberglass insulation - stranded conductor - stainless steel overbraid

[1] Insert 3 digit "B" length in inches. EX: F1A012=12" "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" "C" length.

4 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 disconnects

Options

MC	Mating connector
CC	Cable clamp
BX	Box connector