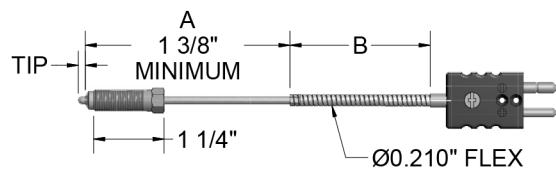
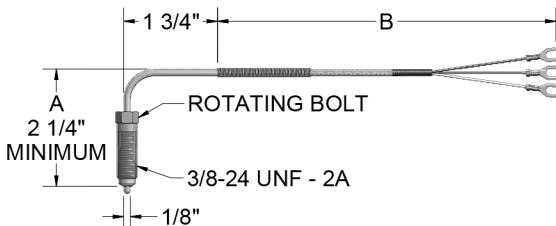


The nozzle-melt temperature sensors listed below are typically placed into the nozzle of a plastic injection molding machine and sense the temperature of the molten plastic prior to being injected into the mold. They are offered in a variety of thermocouple types as listed below. The RTDs are constructed 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 **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 |