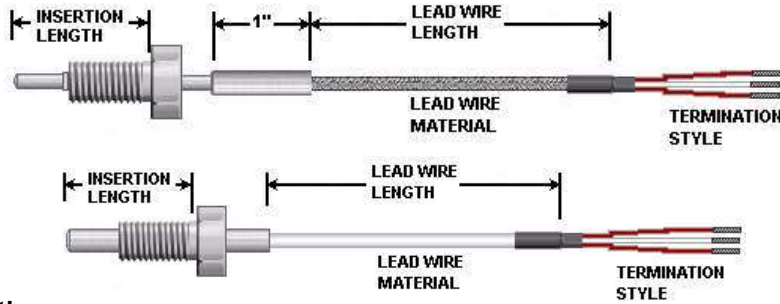


Style RF1 Threaded Bolt RTD



Ordering Information Part Number

| ① RF1 | ② Element Type | ③ Element Accuracy | ④ Wire Configuration | ⑤ Insertion Length (in.) | ⑥ Thread Size | ⑦ Lead Wire Material | ⑧ Lead wire Length (inches) | ⑨ Termination Style | ⑩ Special Features |
|-------|----------------|--------------------|----------------------|--------------------------|---------------|----------------------|-----------------------------|---------------------|--------------------|
| RF1 | | | | | | | | | |

Optional

| ② | Element type |
|---|------------------------------------|
| T | 100 Ω DIN 00385 (thin film) |
| U | 500 Ω DIN 00385 (thin film) |
| W | 1000 Ω DIN 00385 (thin film) |
| X | 120 Ω Nickel DIN 00672 (thin film) |
| Y | 100 Ω DIN 003916 (wire wound) |
| Z | 500 Ω DIN 003916 (wire wound) |
| Q | 10 Ω copper (thin film) |

| ③ | Element Accuracy (0 °C) |
|---|-------------------------|
| A | Class A (0.06%) |
| B | Class B (0.12%) |

| ④ | Wire Configuration |
|---|--------------------|
| 2 | 2-wire |
| 3 | 3-wire |
| 4 | 4-wire |

| ⑤ | Insertion Length (in.) |
|---|------------------------|
| W | 1/2" |
| X | 5/8" |
| Y | 3/4" |
| Z | 1" |

| ⑥ | Thread size |
|---|-----------------------|
| A | 1/4-28 (standard) |
| B | 1/4-20 |
| C | 10-32 (Grounded only) |
| D | 8-32 (Grounded only) |
| E | M5 X 0.8 pitch |
| F | M6 x 1 pitch |
| G | M8 x 1 pitch |
| H | M8 x 1.25 pitch |
| J | M10 x 1 pitch |
| K | M10 x 1.25 pitch |
| P | M10 x 1.5 pitch |
| R | M12 x 1.25 pitch |
| S | M12 x 1.5 pitch |
| W | M12 x 1.75 pitch |
| X | 1/2-20 |
| Y | 1/8"npt |

| ⑦ | Lead wire material |
|------|--|
| A | Fiberglass (800°F) |
| B | Fluoropolymer (400°F) |
| C | Fiberglass with stainless steel braid (800°F) |
| D | Fluoropolymer with stainless steel braid (400°F) |
| E | Fiberglass with armor cable (800°F) |
| F | Fluoropolymer with armor cable (400°F) |
| Note | Options C & D require a transition fitting for thread size options F, H, & M. (transition fitting 3/16"OD X 1" long) |

| ⑧ | Lead wire length (in.) |
|-----------|---------------------------|
| 006"-600" | Specify in Inches |
| Note | Over 600" contact factory |

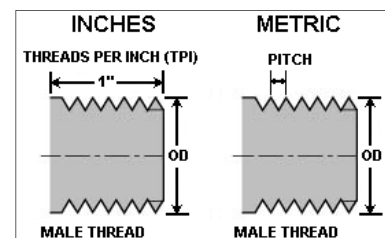
| ⑨ | Termination style |
|-----------|---|
| A | 2" stripped leads (bare ends) (standard) |
| B | 2" stripped leads w/ #8 spade lugs |
| C | Standard male 2 pin plug (400°F) |
| D | Standard male 3 pin plug (400°F) |
| F | Standard 2 pin female jack (400°F) |
| G | Standard 3 pin female jack (400°F) |
| H | Miniature male 2 pin plug (400°F) |
| P | Miniature male 3 pin plug (400°F) |
| J | Miniature female 2 pin jack (400°F) |
| K | Miniature female 3 pin jack (400°F) |
| R | Dual molded male 4 pin plug (400°F)(for dual 2 wire) |
| T | Dual molded female 4 hole jack (400°F)(for dual 2 wire) |
| W | 2" stripped leads w/ pin terminals |
| Q | 2" stripped leads w/ wire ferrules |
| X | Extra long lead wire length (beyond 2" stripped leads) (specify extra long lead wire length below) |
| 006"-240" | 006"-240" Specify in Inches |

| ⑩ | Special features |
|------|--|
| Note | Leave blank for no special features |
| 02 | 1.5" long strain relief spring |
| 03 | 1.5" long heat shrink where wire exits the probe |
| 06 | Epoxy seal (500°F) |
| 07 | Cable clamp |
| 08 | BX Connector |
| 09 | Mating connector |
| 27 | Transition Fitting on tube & wire sensor |
| 32 | 1/4-28 bolt w/ 5/16" hex (small hex) |
| 33 | 1/4-28 bolt w/ 7/8" long thread (7/16" hex) |

Step 6: Thread size

EXAMPLE:
Inches
1/4-28 bolt = 1/4"OD thread x 28 TPI

Metric
M12 x 1.25 pitch = 12mm OD thread x 1.25mm peak to peak



SOUTHWEST HEATER AND CONTROLS