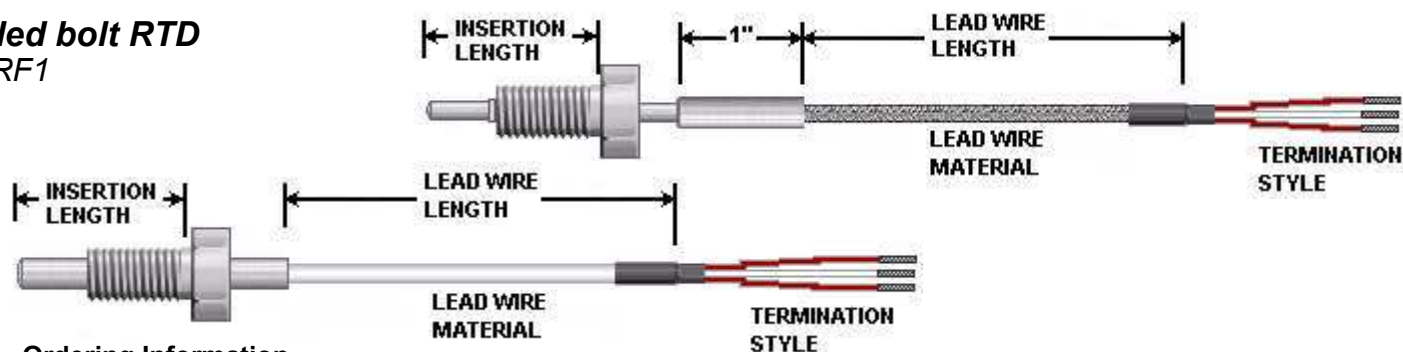


# East Coast Sensors

## Threaded bolt RTD Series RF1



### Ordering Information Part Number

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

