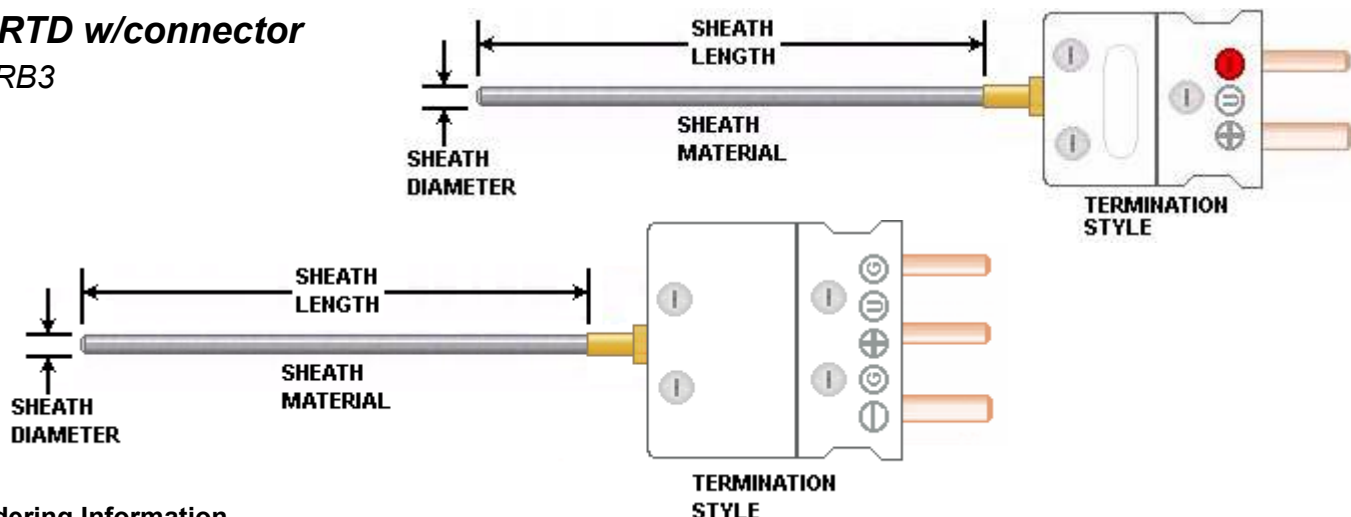


East Coast Sensors

Rigid RTD w/connector Series RB3



Ordering Information Part Number

① RB3	② Element Type	③ Element Accuracy	④ Wire Configuration	⑤ Sheath Diameter	⑥ Sheath Configuration	⑦ Sheath Length (inches)	⑧ Sheath Length (Fractional)	⑨ Termination Style
RB3								

Optional

⑩ Special Features	⑪ Attached Fitting	⑫ Insertion Length (whole in.)	⑬ Insertion Length (Frac.in.)

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)

⑤	Sheath Diameter (RTD)
G	.118" (3mm)
H	.125" (3.2mm) (1/8")
J	.156" (4mm)
L	.188" (4.6mm) (3/16")
M	.236 (6mm)
N	.250" (6.4mm) (1/4")
Note	For reference only (standard tolerances apply)
Note	For other diameters consult factory

⑨	Termination style RTDs
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)

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

⑥	Sheath Configuration
X	Straight (standard)
Y	90 degree bend
Z	45 degree bend

④	Wire Configuration
2	2-wire
3	3-wire
4	4-wire
5	2-wire (Dual)
6	3-wire (Dual)

⑦	Sheath Length (whole in.)
006"-060"	Specify in Inches

⑧	Sheath Length (fractional in.)
A	0
B	1/8"
C	1/4"
D	3/8"
E	1/2"
F	5/8"
G	3/4"
H	7/8"

Optional

⑩	Special features (optional)
Note	See next page

⑪	Attached Fitting (optional)
Note	See next page

⑫	Insertion length (whole in.)
Note	See next page

⑬	Insertion Length (frac.in.)
Note	See next page

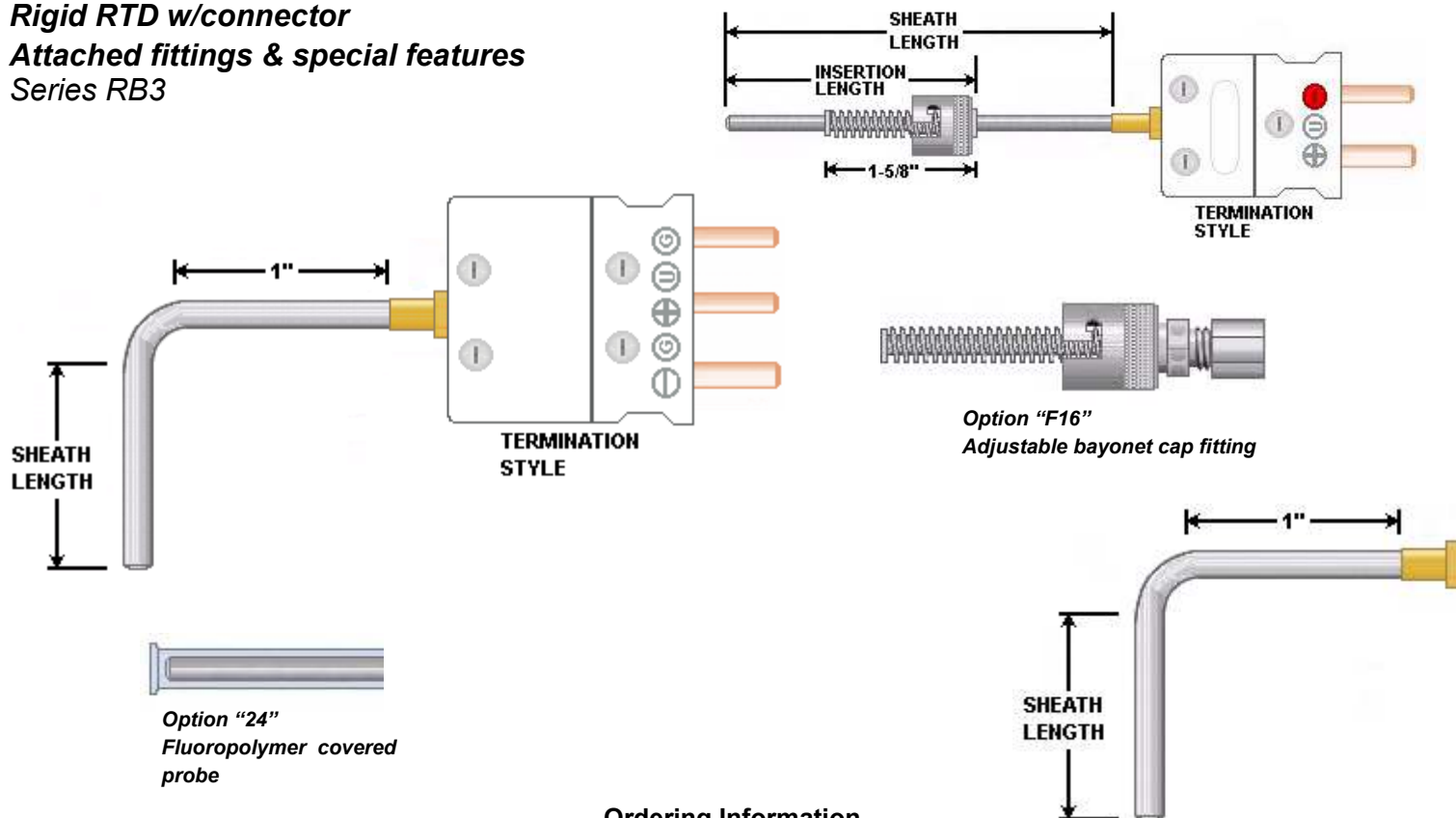
See next page for optional attached fittings & special features (Fields 9,10,11,&12)

- 24 awg stranded fiberglass wire inside (700°F) max
- For other configurations contact factory
- Single lead (White) is on the (- pin) for 3-wire RTD connectors



East Coast Sensors

Rigid RTD w/connector
Attached fittings & special features
Series RB3



Ordering Information

⑩ Special Features	⑪ Attached Fitting	⑫ Insertion Length (whole in.)	⑬ Insertion Length (Frac.in.)

Continue part number from previous page

⑩	Special features (Optional)
Note	Leave blank for no special features
04	Flat tip probe
05	Drill point tip
09	Mating connector
18	Moisture protection boot on connector
24	Fluoropolymer covered probe
25	Free spinning fitting (held on probe by a crimp ring)
26	Connector mounted with tube adapter

⑪	Attached Fitting type (optional)
Note	Leave blank for no attached fitting
F01	1/8"npt single thread
F02	1/4"npt single thread
F03	3/8"npt single thread
F04	1/2"npt single thread
F05	3/4"npt single thread
F06	1/2"npt x 1/2"npt double thread
F07	1/2"npt double thread Spring loaded
F08	1/2"npt x 1/2"npt double thread Spring loaded w/oil seal
F09	1/2"npt x 3/4"npt double thread
F10	3/4"npt x 3/4"npt double thread
F11	Fixed 7/16"ID bayonet cap assembly (on probe) (1/8"OD, 3mmOD & 3/16"OD)
F15	1"npt single thread
F16	Adjustable 7/16"ID bayonet cap fitting (1/8"OD & 3mm OD)
F17	Adjustable 12.5mm ID double slot bayonet cap fitting (1/8"OD & 3mm OD)
F18	1/8"npt compression fitting (Brass)
F19	1/8"npt compression fitting (Stainless steel)
F20	1/4"npt compression fitting (Brass)
F21	1/4"npt compression fitting (Stainless steel)
Note	For other fittings not shown contact factory

⑫	Insertion Length (in.) (optional)
001"-144"	Specify in Inches
Note	See pg. for attached fitting illustrations

⑬	Insertion Length (fractional in.)
A	0
B	1/8"
C	1/4"
D	3/8"
E	1/2"
F	5/8"
G	3/4"
H	7/8"

