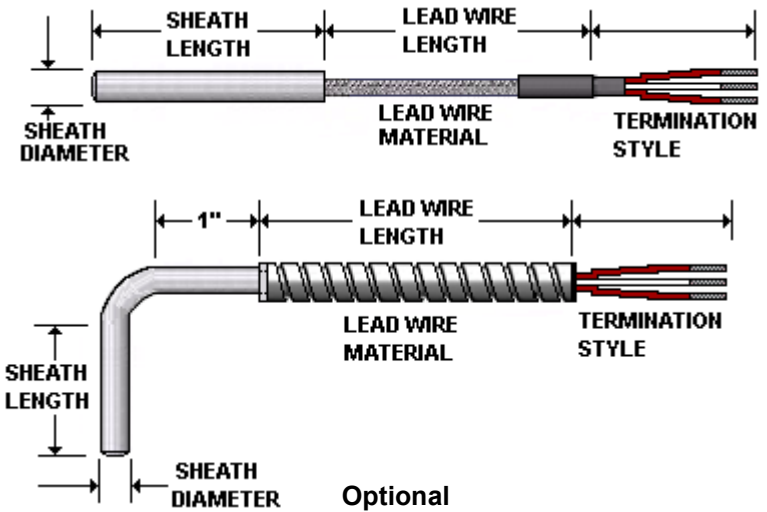
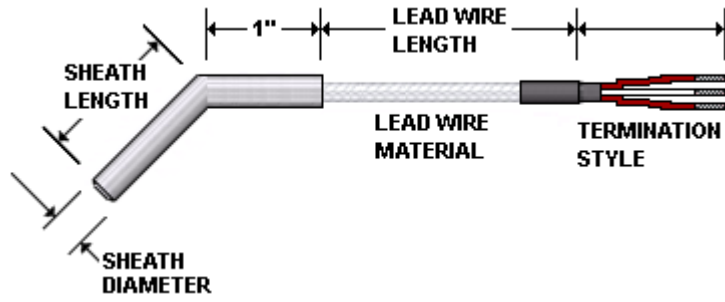


East Coast Sensors

Compression type RTD Series RB2



Ordering Information Part Number

① RB2	② Element Type	③ Element Accuracy	④ Wire Config.	⑤ Sheath Diameter	⑥ Sheath Config	⑦ Sheath Length (In.)	⑧ Sheath Length (Frac.in.)	⑨ Lead Wire Material	⑩ Lead wire Length (In.)	⑪ Termination Style
RB2										

Optional

⑫ Special Features	⑬ Attached Fitting	⑭ Insertion Length (whole in.)	⑮ Insertion Length (Frac.in.)

② Element type	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)
R	200 Ω DIN 00385 (thin film)

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

⑦ Sheath Length (whole in.)	Sheath Length (whole in.)
001"-060"	Specify in Inches

⑧ Sheath Length (fractional in.)	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"

⑨ Lead wire material RTD	Lead wire material RTD
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)
G	Fiberglass with stainless steel braid (800°F) w/ armor cable
H	Fluoropolymer with stainless steel braid (400°F) w/ armor cable
J	Fluoropolymer singles (without white outer jacket)(400°F)

⑩ Lead wire length (whole in.)	Lead wire length (whole in.)
006"-600"	Specify in Inches
Note	Over 600" contact factory

⑪ Termination style	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)
L	2" stripped leads w/#6 Ring terminals
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

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

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

⑤ Sheath Diameter	Sheath Diameter
G	.118" (3mm)
H	.125" (3.2mm) (1/8")
J	.156" (4mm)
L	.188" (4.6mm) (3/16")
S	.196" (5mm)
M	.236 (6mm)
N	.250" (6.4mm) (1/4")
P	.314" (8mm) (5/16")
Q	.375" (9.5mm) (3/8")
Note	For reference only (standard tolerances apply)
Note	For other diameters consult factory

Optional

⑫ Special features (optional)	Special features (optional)
Note	See next page

⑬ Attached Fitting (optional)	Attached Fitting (optional)
Note	See next page

⑭ Insertion length (whole in.)	Insertion length (whole in.)
Note	See next page

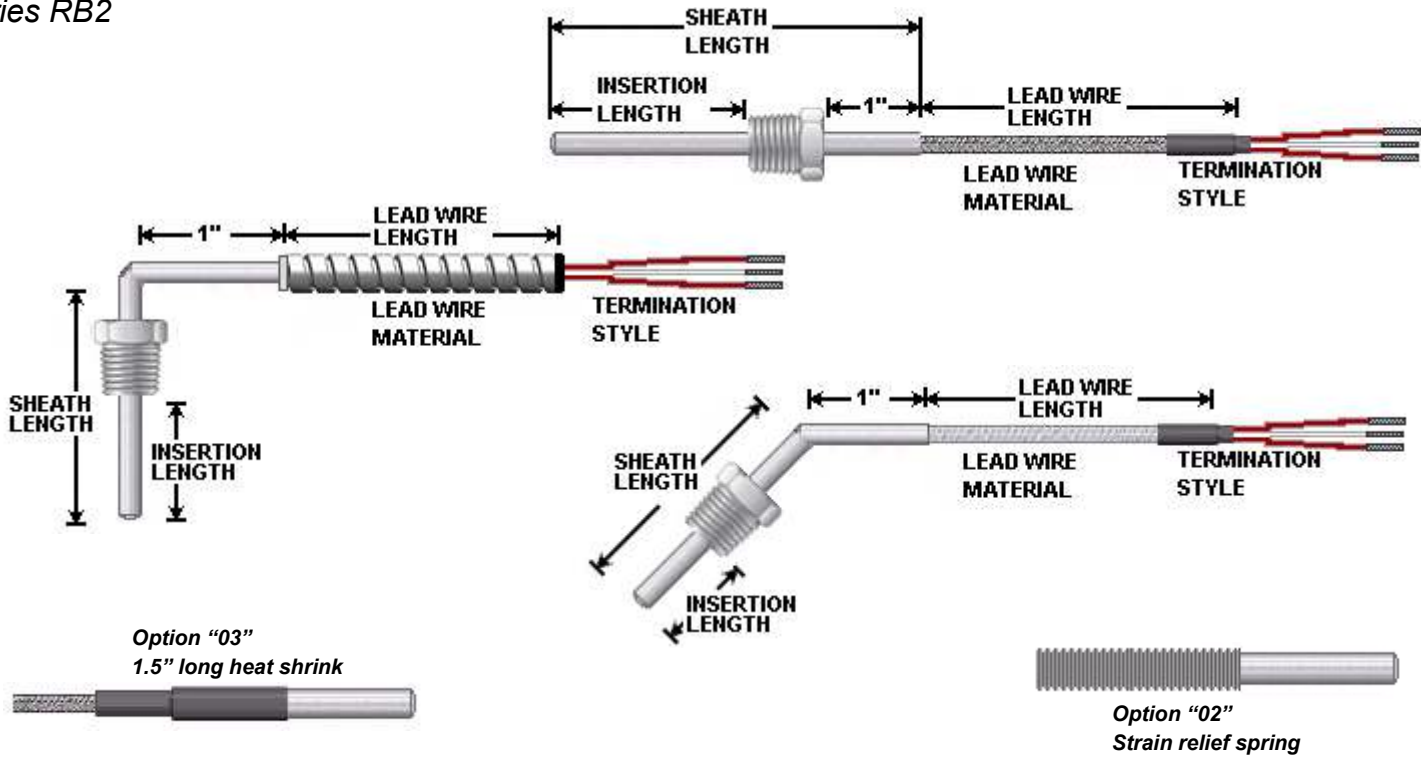
⑮ Insertion Length (frac.in.)	Insertion Length (frac.in.)
Note	See next page

See next page for optional attached fittings & special features (Fields 11,12,13 &14)



East Coast Sensors

Compression type RTD Attached fittings & special features Series RB2



Continue part number from
previous page

Ordering Information Part Number

⑫ Special Features	⑬ Attached Fitting	⑭ Insertion Length (whole in.)	⑮ Insertion Length (Frac.in.)

⑫	Special features (Optional)
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
04	Flat tip probe
05	Drill point tip
06	Epoxy seal (500°F)
07	Cable clamp
08	BX Connector
09	Mating connector
10	Armor cable adaptor
18	Moisture protection boot on connector
21	Fluoropolymer coated armor cable
24	Fluoropolymer covered probe
25	Free spinning fitting (held on probe by a crimp ring)
27	Transition fitting on tube & wire sensor
36	RTD color code White- White- Red (FEP Fluoropolymer)
37	RTD color code Black- White- Red (FEP Fluoropolymer)
38	RTD color code Blue- Orange- White (FEP Fluoropolymer)

⑬	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
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)
F22	1/2"npt compression fitting (Brass)
F23	1/2"npt compression fitting (Stainless steel)
Note	For other fittings not shown contact factory

⑭	Insertion Length (in.) (optional)
001"-050"	Specify in inches

⑮	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"

