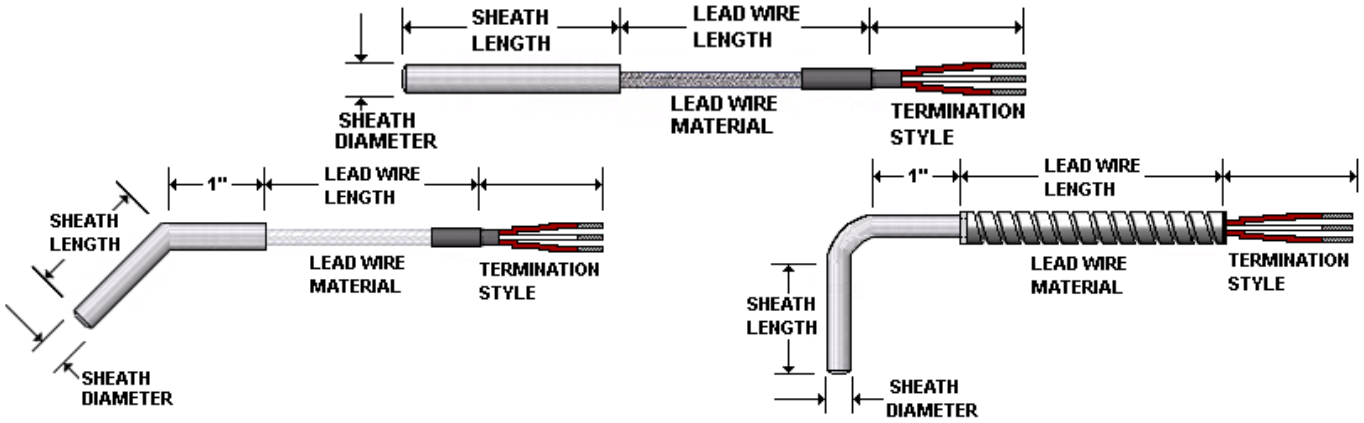
Style RB2
Compression type RTD



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
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)

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	2-wire (Dual)
6	3-wire (Dual)

⑤	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*

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

⑦	Sheath Length (whole in.)
001"-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"

⑨	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.)
006"-600"	Specify in Inches
Note	*Over 600" contact factory*

⑪	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

Optional

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

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

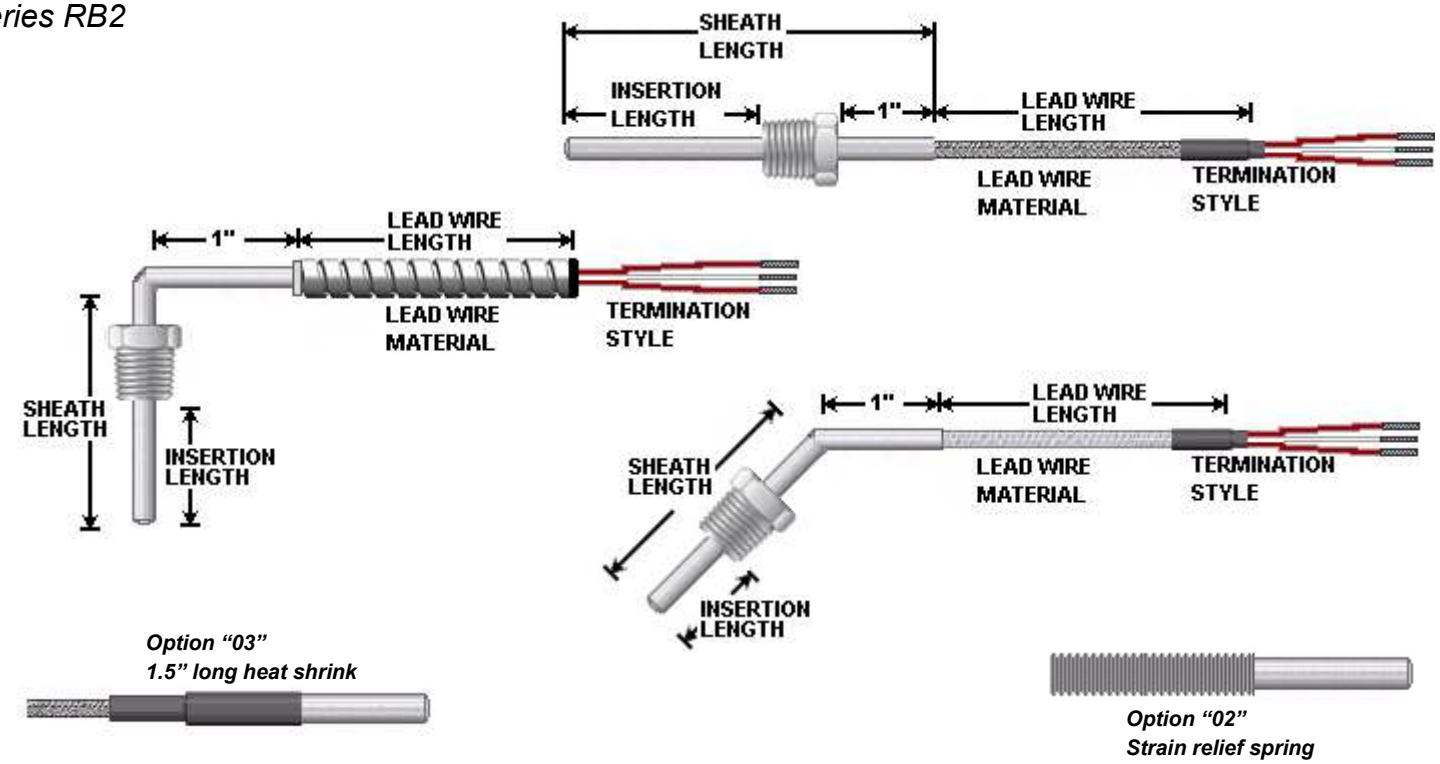
⑭	Insertion length (whole in.)
Note	*See next page*

⑮	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



Option "03"
1.5" long heat shrink

Option "02"
Strain relief spring

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 Fluoropoly-mer)

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"

SOUTHWEST HEATER AND CONTROLS

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