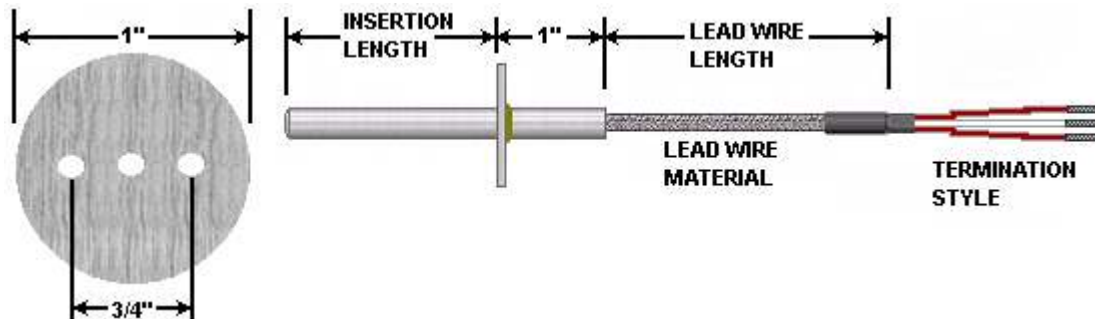


East Coast Sensors

Mounting flange RTD Series RB4



Ordering Information Part Number

① RB4	② Element Type	③ Element Accuracy	④ Wire Configuration	⑤ Mounting Flange	⑥ Sheath Diameter	⑦ Insertion Length (In.)	⑧ Insertion Length (Fractional In.)	⑨ Lead Wire Material	⑩ Lead wire Length (In.)	⑪ Termination Style	⑫ Optional Special Features
RB4											

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

⑤ Mounting Flange
X 1" Diameter mounting flange

⑥ Sheath Diameter
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

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

⑧ 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"

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

- **Mounting holes drilled for #10 screw**
- **Flange is silver soldered to probe**

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)
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) RTDS
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
18 Moisture protection boot on connector
21 Fluoropolymer coated armor cable

