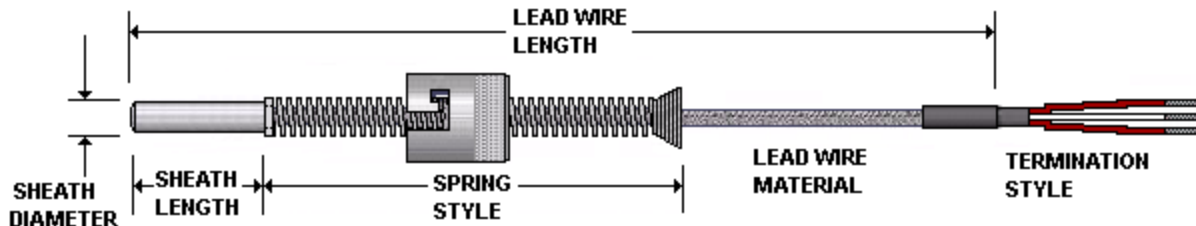


East Coast Sensors

Adjustable bayonet Spring RTD Series RA1



Ordering Information Part Number

① RA1	② Element Type	③ Element Accuracy	④ Wire Configuration	⑤ Sheath Diameter	⑥ Sheath Length (In.)	⑦ Lead Wire Material	⑧ Lead wire Length (In.)	⑨ Cap/ Spring style	⑩ Termination Style	⑪ Special Features
RA1										

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)

③ Element Accuracy (0 °C)	Element Accuracy
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")
M	.236" (6mm)
N	.250" (6.4mm) (1/4")
P	.314" (8mm) (5/16")
Note	For reference only (standard tolerances apply)
Note	For other diameters consult factory

⑥ Sheath Length (in.)	Sheath Length
R	1/4"
S	3/8" (standard)
W	1/2"
X	5/8"
Y	3/4"
Z	1"
H	1.25"
P	1.5"
Q	1.75"
T	2"

⑦ Lead wire material	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)

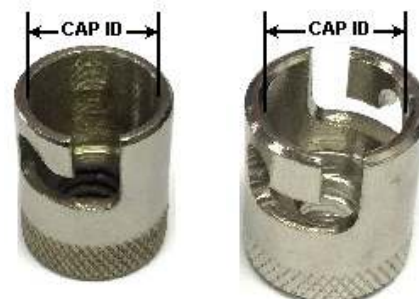
⑧ Lead wire length (whole in.)	Lead wire length
012-600"	Specify in Inches
Note	Over 600" contact factory

⑨ Cap/ Spring style	Cap/ Spring style
P	7/16" ID single slot (standard cap) / 1/4"OD x 10" spring
Q	12.5 mm ID double slot / 1/4"OD x 10" spring
R	14.7 mm ID double slot / 1/4"OD x 10" spring
S	7/16" ID single slot (standard cap) / 1/4"OD x 6" spring
T	12.5 mm ID double slot / 1/4"OD x 6" spring
W	14.7 mm ID double slot / 1/4"OD x 6" spring
Note	Longer springs available. Consult factory

⑩ 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)
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) <i>(specify extra long lead wire length below)</i>
006"-240"	006"-240" Specify in Inches

Optional

⑪ Special features (Optional)	Special features
Note	Leave blank for no special features
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



- Adjustable spring style RTDs fit a wide variety of hole depths
- Cap spins over entire length of spring
- Spring has an od of .254"
- 24 AWG stranded wire comes standard

