

Series RS1 Insertion Type RTD with Sharp Tip



Shown with Teflon coated armor cable
(Special feature option "21")



Shown with Heat shrink strain relief on transition fitting
(Special feature option "43")

Ordering Information Part Number

Optional

① RS1	② Element Type	③ Element Accuracy	④ Wire Configuration	⑤ Sheath Diameter	⑥ Sheath Length (Whole In.)	⑦ Sheath Length (Fractional In.)	⑧ Handle options	⑨ Lead wire Material	⑩ Lead wire length (In.)	⑪ Termination style	⑫ Special Features
RS1											

②	Element type
T	100 Ω DIN 00385 (thin film)

⑥	Sheath Length (whole in.)
001"-005"	Specify in Inches

⑩	Lead wire length
006-600"	Specify in Inches

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

⑦	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"

Note Over 600" contact factory

④	Wire Configuration
2	2-wire
3	3-wire
4	4-wire

⑧	Handle Options (In.)
Q	3/8" diameter X 3" Long
R	1/2" diameter X 5" Long

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
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

⑤	Sheath Diameter
X	.165"
Z	.197"

Note Thick wall tubing for added durability

Note Contact factory for other diameters

⑨	Lead wire material RTD
B	Teflon FEP (400°F)
D	Teflon FEP with stainless steel braid (400°F)
F	Teflon FEP with armor cable (400°F)
K	Teflon PFA w/ stainless steel braid w/Teflon PFA outer jacket

⑫	Special features (Optional)
Note	Leave blank for no special features
07	Cable clamp
09	Mating connector
18	Moisture protection boot on connector
21	Teflon coated armor cable
43	Heat shrink strain relief on transition fitting (6"long)

SOUTHWEST HEATER AND CONTROLS