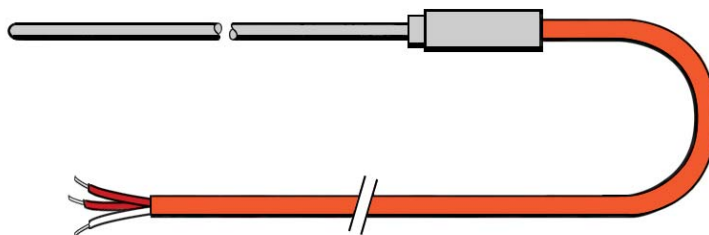


# Custom Built Mineral Insulated 100 ohm RTDs (1100°F)

- Sensors made to meet your requirements
- Sheath diameters from 0.125" to 0.315"
- Operating range: -100°F to +1110°F at tip
- Semi flexible construction
- Calibration available, please contact us for details
- Generally shipped in 7 to 10 days or sooner



SECTION 1	N° of Elements
1	Simplex
2	Duplex
3	Triplex

SECTION 2	Sheath Diameter
0.125"	0.125"
0.188"	0.188"
0.250"	0.250"
0.315"	0.315"

SECTION 3	N° of Wires
2	2 wire
3	3 wire
4	4 wire

SECTION 4	Sheath Length
<b>As Required</b>	

SECTION 5	Termination
CE4CL	<p>Other lengths of cable available</p>

SECTION 6	Tolerance of Element (IEC 60751)		
Grade	Accuracy @ 0°C	Accuracy @100°C	Order Code
B	±0.30°C	±0.80°C	R100 - B
A	±0.15°C	±0.35°C	R100 - A
1/3	±0.10°C	±0.27°C	R100 - 1/3
1/5	±0.06°C	±0.16°C	R100 - 1/5
1/10	±0.03°C	±0.08°C	R100 - 1/10

SECTION 7	RTD Wire (please specify length in inches)	
RP	PVC Insulation (220°F)	RP37 (3-wire)
		RP47 (4-wire)
		RP67 (Duplex 3-wire)
RT	Teflon Insulation (482°F)	RT37 (3-wire)
		RT47 (4-wire)
		RT67 (Duplex 3-wire)

SECTION 8	Optional Stainless Steel Adjustable Compression Fittings		
Dia.	1/8" NPT	1/4" NPT	1/2" NPT
0.125"	ACN08S	ACN09S	ACN11S
0.188"	ACN12S	ACN13S	ACN15S
0.250"	ACN16S	ACN17S	ACN19S
0.315"	—	ACF28S	ACF74S

*For our full range of fittings, please see page 72*

Order Code - Example									
Type N°	N° of Elements (See section 1)	Sheath dia. (See section 2)	N° of Wires (See section 3)	Sheath Length (inches)	Termination (See section 5)	Resistance value of element	Grade of Element (see section 6)	RTD Wire (See section 7)	Compression Fitting (Optional, see section 8)
18	- 1	- 0.250"	- 3	- 36"	- CE4CL	- R100	- B	- 36"	RT37 - ACN19S



877 249 1777 toll free

Fax: 708 236 5778 • Email: sales@tcdirect.com • Web: www.tcdirect.com