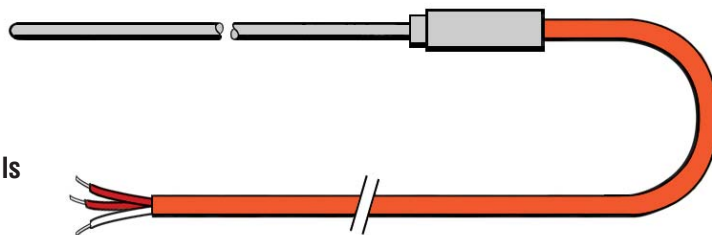


# Custom Built RTD Pt100 Sensors with Pot Seal

- Sensors made to meet your requirements
- Sheath diameters from 3mm to 8.0mm
- Operating range: -75°C to +350°C
- Choice of wiring configurations
- UKAS calibration available, please contact us for details
- Generally shipped in 5 to 7 days or sooner



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

SECTION 2	Sheath Diameter
3.0	3.0mm
4.5	4.5mm
6.0	6.0mm
8.0	8.0mm

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	±0.08°C	±0.19°C	R100 - 1/3
1/5	±0.05°C	±0.15°C	R100 - 1/5
1/10	±0.03°C	±0.12°C	R100 - 1/10

SECTION 7	Extension Cables (please specify length in metres)	
RP	PVC Insulation (105°C)	RP37 (3-wire)
		RP47 (4-wire)
		RP67 (Duplex 3-wire)
RT	Teflon Insulation (250°C)	RT37 (3-wire)
		RT47 (4-wire)
		RT67 (Duplex 3-wire)

SECTION 8	Optional Stainless Steel Adjustable Compression Fittings		
Dia.	1/8" BSPT	1/4" BSPT	1/2" BSPT
3.0mm	ACF05S	ACF59S	ACF58S
4.5mm	ACF55S	ACF10S	ACF11S
6.0mm	ACF15S	ACF16S	ACF17S
8.0mm	—	ACF27S	ACF56S

*For our full range of fittings, please see pages 72 and 73*

Order Code - Example									
Type N°	N° of Elements (See section 1)	Sheath dia. (See section 2)	N° of Wires (See section 3)	Sheath Length (mm)	Termination (See section 5)	Resistance value of element	Grade of Element (see section 6)	Extension Cable (See section 7)	Compression Fitting (Optional, see section 8)
16	- 1	- 6.0	- 3	- 250	- CE4CL	- R100	- B	- 1m RP37	- ACF16S