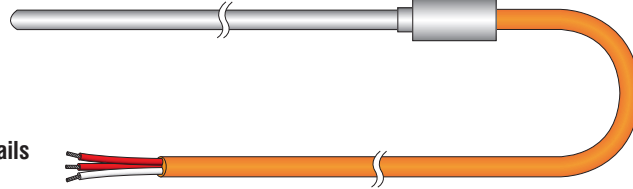


# Custom Built RTD Pt100 Sensors

## RTD Sensor - Pt100 with Pot Seal

Our easy-to-follow selection guide enables you to build the part code for the sensor you require, then simply call us, email or fax us with the part number and one of our experienced engineers will confirm prices to you. Just call us and we will go through your requirement with you. Delivery is usually within 5 days but we can improve on that if your requirement is urgent. Alternatively, there may be an Ex Stock option we can guide you towards. Either way, talk to us and we will find you the best option and the best prices!

- Sensors made to meet your requirements
- Sheath diameters from 3mm to 8.0mm
- Operating range: See Section 1
- Choice of wiring configurations
- UKAS calibration available, please contact us for details
- Generally shipped in 5 days or sooner



SECTION 1	Type
16	-75°C to +250°C
17	-100°C to +500°C
18	-100°C to +600°C

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

SECTION 3	Sheath Diameter
3.0	3.0mm
4.5	4.5mm
6.0	6.0mm
8.0	8.0mm

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

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

SECTION 6	Tolerance of Element (IEC 60751 : 2008)		
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	Extension Cables (please specify length in metres)	
RP	PVC Insulation (105°C)	RP37 (3-wire)
		RP47 (4-wire)
		RP67 (Duplex 3-wire)
RT	PFA 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 page 88

### Order Code - Example

Type N°	N° of Elements (See section 2)	Sheath dia. (See section 3)	N° of Wires (See section 4)	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

**Fax: 01895 857777**

**Email: sales@tcdirect.co.uk Web: www.tcdirect.co.uk**



Call us on 01895 855555 to discuss your requirements