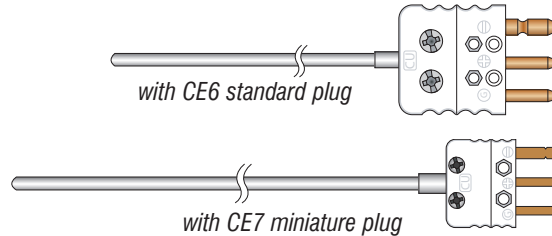


Custom Built RTD Pt100 Sensors

RTD Sensor - Pt100 with Connector

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
- Plastic quick disconnect connectors
- Operating range: See Section 1
- Standard or Miniature connectors available
- 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

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	Connector Style
CE6	<p>Standard 3 pin round plastic bodied quick disconnect plug for three wire assemblies. Max. end seal temp. 135°C.</p>
CE7	<p>Miniature 3 pin round plastic bodied quick disconnect plug for three wire assemblies. Max. end seal temp. 135°C.</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

2 pin connectors for 2 wire assemblies and 2 x 2pin connectors for 4 wire assemblies are available on request.

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)	Connector Style (See section 5)	Resistance value of element	Grade of Element (see section 6)
16	- 1	- 6.0	- 3	- 250	- CE6	- R100	- B

Fax: 01895 857777

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



Call us on 01895 855555 to discuss your requirements