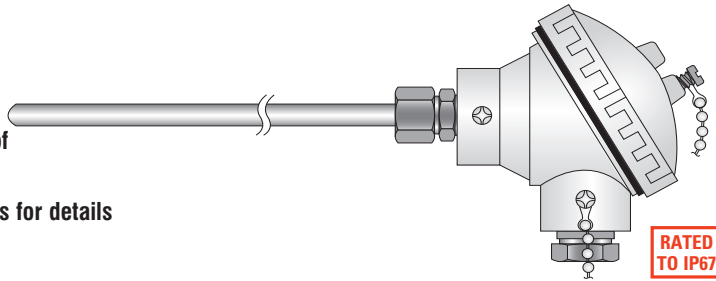


# Custom Built RTD Pt100 Sensors

## RTD Sensor - Pt100 with Standard IP67 Weatherproof Head

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 3.0mm to 8.0mm
- Operating range: See Section 1
- Terminated in an IP67 standard weatherproof die cast alloy head rated to 135°C
- 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 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 5	Termination
CE11	

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	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

SECTION 8	Optional 4 to 20mA Head Mounted Transmitter (please specify range in °C)
TXLPRT	<p>Fully Linearised</p>

### Order Code - Example

Type N°	N° of Elements (See sec.2)	Sheath dia. (See sec. 3)	N° of Wires (See sec. 4)	Sheath Length (mm)	Termination (See section 5)	Resistance value of element	Grade of Element (see sec. 6)	Compression Fitting (Optional, see sec. 7)	4 to 20mA Transmitter (Optional, see sec. 8)
16	1	6.0	3	250	CE11	R100	A	ACF17S	TXLPRT (0/100°C)

**Fax: 01895 857777**

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

**PRICE PROMISE!**  
We'll never be beaten!



Call us on 01895 855555 to discuss your requirements