Industrial RTD Sensor Assembly (Pt100)

Description

Industrial thermowell assembly with removable Pt100 insert for easy RTD sensor replacement.

This range of high quality fabricated RTD sensors is ideal for temperature measurement in gases or liquids in industrial applications.

The RTD probe features a 6mm diameter spring loaded removable insert, available with a Pt100 Class B sensor as standard, making it easy to replace for maintenance and repair.

The standard process connection is ½" BSPP with an 11mm diameter stem, all made from 316 stainless steel. Various immersion lengths are available to suit your process with a standard lagging length of 50mm below an IP68 KNE weatherproof terminal head.

Many options are available such as; alternative lengths, diameters, process connections, in-head transmitters and terminations.

As well as our standard range, we design and manufacture custom assemblies to suit your specific application needs, including alternative materials, terminal heads, reduced tips and flanged process connections.

Features

- Pt100 Class B sensor
- Spring loaded removable insert
- IP68 weatherproof head
- 316 stainless steel wetted part

Application

- Machinery, Plant & Tank Measurement
- Industrial Process Control
- Pharmaceuticals

Specification

Product	Industrial RTD Sensor Assembly
Type	Pt100 Class B
Temp Range	-75 to +250 °C
Length	To suit your application
Diameter	11mm with 6mm insert
Lagging Length	50mm as standard
Process Connection	1/2"BSPP
Material	316 Stainless steel wetted parts
Termination	M4 screw terminals
Part Number	RFITA

See page 2 for full specification

For more information visit:

sterlingsensors.co.uk

SterlingSensors
Temperature Sensing Technology

Additional Information

Contact Name	Company	Email	Telephone / Mobile

KNE Aluminium Alloy Connection Head Weather Proof IP68

Optional Ceramic Terminal Block or Transmitter

M20 x 1.5 Cable Entry

L

L1

L2

Ød

X = Thread Type

Sensor Type	L	L1	L2	Ød	X

Note: Dimension L1 for parallel threads and dimension L2 for taper threads.

Title	Drawing No. (for SSL use only otherwise stated)
Industrial Temperature Assembly	

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