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Special PRT Sensor – Type Pt100 / Pipe Clamp with PFA Lead
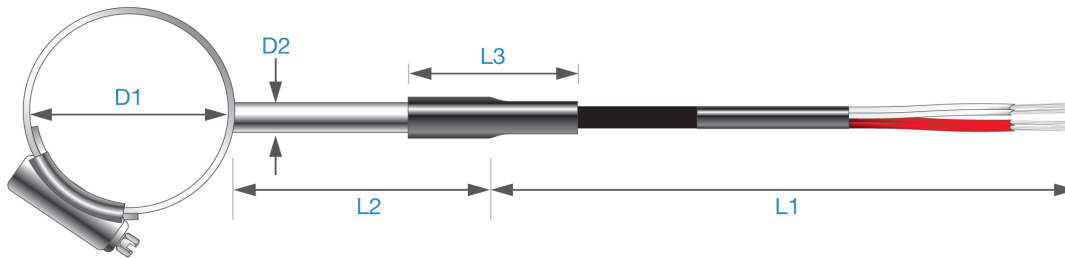
Product Images

Short Description

Special PRT Sensor – Type Pt100 / Pipe Clamp with PFA Lead

Description

Note: 4 Wire Configuration Shown for illustration only

Pipe Clamp Platinum Resistance Thermometer Sensor available in Type Pt100.

D1: Clamp Diameter
D2: Protection Sheath Diameter (4.76mm)

L1: Extension Cable Length (2m)
L2: Protection Sheath Length (50mm)
L3: Heat Shrink (20mm)

The Jubilee clip style Platinum Resistance Thermometer Sensor (PRT) has been designed to allow for the temperature of pipes or cylinders to be monitored. They are available in a number of sizes to suit your diameter of pipe or cylinder. The assembly includes a protection sheath that is secured to the clamp which is then utilised for housing the Platinum Resistance Element for both improved speed of response and accuracy. This style of Platinum Resistance Thermometer sensor is supplied using a Grade A tolerance detector for improved accuracy though other grades of detector are available. For enhancing the sensing performance we recommend that you lag the sensor after attaching to the pipe. The lead is secured to the housing by a crimp and an additional heat shrink for strain relief. This Pt100 Sensor is supplied in a 3-wire configuration in a single channel and with **2 metres of PFA lead** and terminated to tails.

A wide range of instrumentation or accessories including extension cables and connectors are available for this product.
    Designed to clamp from 14mm diameter and above
    Colour Coded Tails and Accuracy of element to BS EN60751 – IEC751
    Pt100 Detector
    Grade A
    3-Wire Configuration
    Single Channel
    Suitable for use up to 260°C
    Bespoke designs available upon request

Additional Information

Maximum Temperature	Pt100
Extension Cable Insulation	PFA,7/0.2mm
Heat Shrink Material	PVC 20mm (+110
Maximum Temperature Probe	260
Metal Sheath Material	Stainless Steel
Pipe Clamp Material	Stainless Steel
Termination	Bare Tails

Product Options

Diameter:	Clamp Diameter 16mm - 22mm
	Clamp Diameter 25mm - 35mm
	Clamp Diameter 35mm - 50mm
Length:	35 - 50 mm
	25 - 35 mm
	16 - 22 mm

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