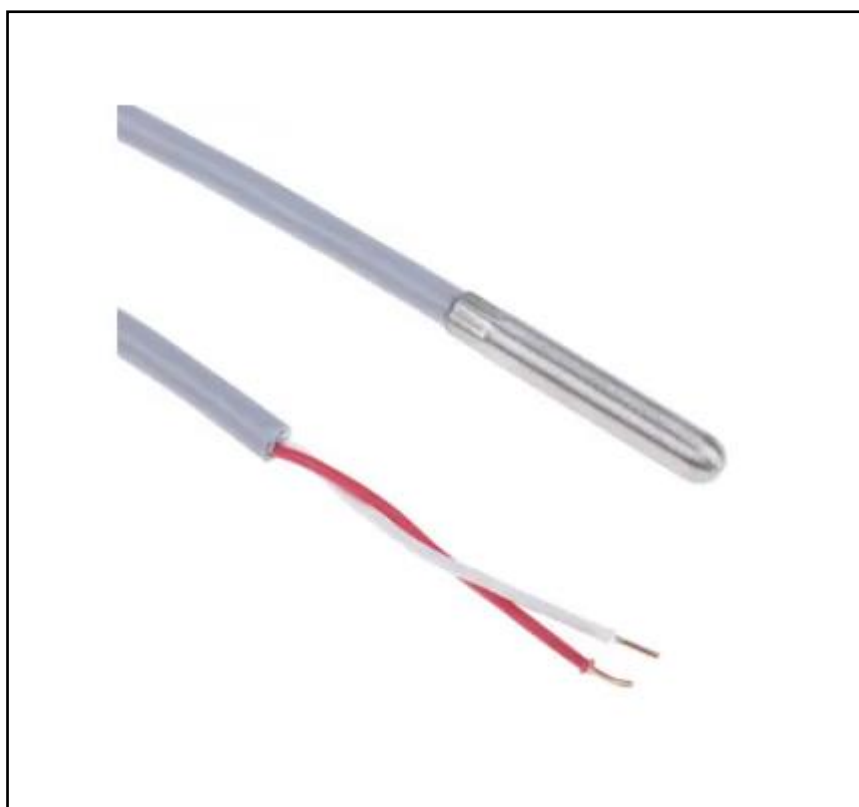


## FEATURES

- High stability sensing element with a precision output
- IEC 60751 Class A accuracy/tolerance
- Temperature measurement range of -20°C to 100°C
- Rigid corrosion resistant 316 stainless steel sheath for protection of sensing element
- PVC lead insulation is tough and resistant to abrasion, corrosion and chemicals including oils, acids and alkalis

## RS PRO 2 wire PT1000 Sensor, -20°C min +100°C max, 35mm Probe Length x 6mm Probe Diameter

RS Stock No.: 457-3653



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

## Product Description

From RS Pro a high-quality and reliable Pt1000 PRT (Platinum Resistance Thermometer) or RTD (Resistance Temperature Detector) sensing probe. This RTD probe has a robust construction with the sensing element encased in a rigid stainless steel sheath. The leads have a tough and durable flexible PVC insulation. This platinum resistance thermometer provides accurate and reliable temperature measurement for a wide range of applications.

## General Specifications

<b>Sensor Type</b>	PT1000
<b>Probe Material</b>	Stainless Steel
<b>Number Of Wires</b>	2
<b>Accuracy</b>	Class A
<b>Construction</b>	Tip in SS316L, Cable 2 conductors, section 0.5mm, isolated PVC/PVC, Hexagonal crimping
<b>Tolerance</b>	$\pm 0.15 + 0.002.[t^{\circ}\text{C}]$
<b>Head Type</b>	KNE Aluminium Alloy, IP68
<b>Applications</b>	These PRT sensor probes with their robust design are ideal for use in many general purpose industrial applications including the following: Automotive industry, Chemical industry, Micro-electronics, Air conditioning and refrigeration, Air, gas and liquid temperature measurement, Food processing, Laboratories

## Mechanical Specifications

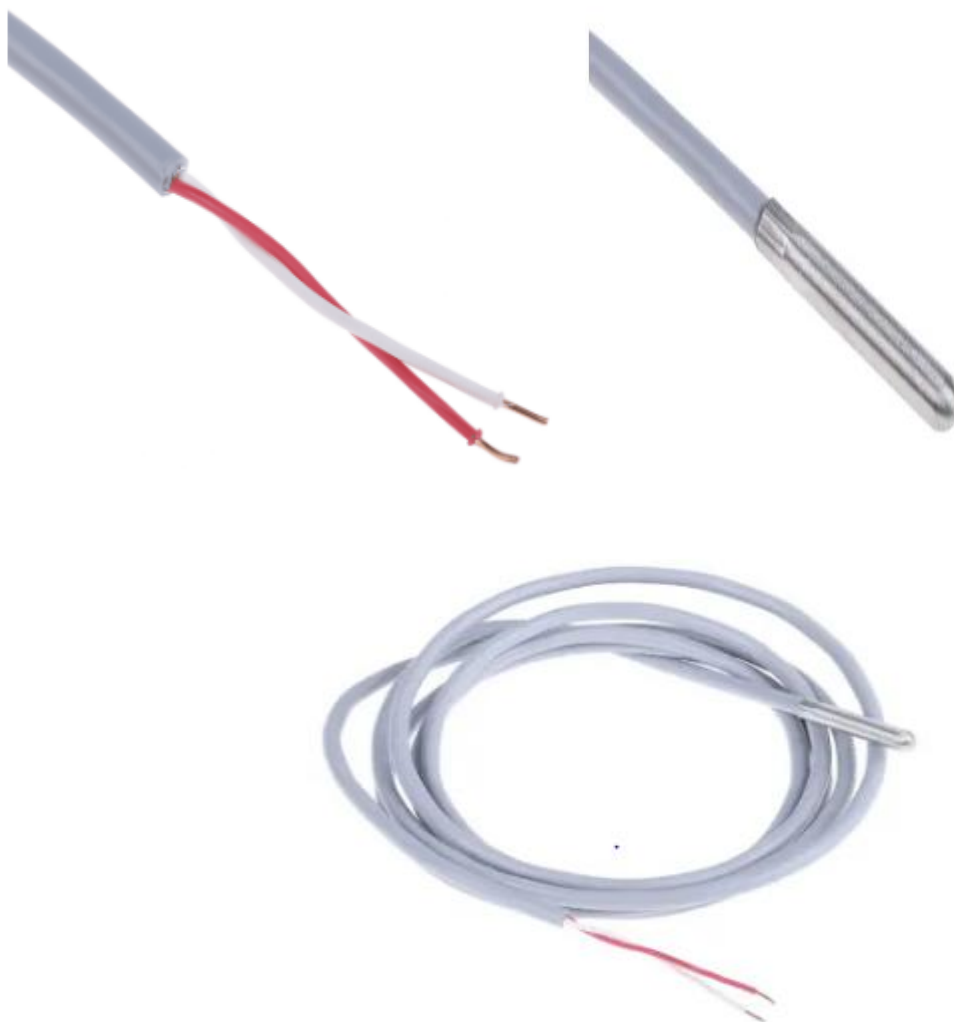
<b>Probe Length</b>	35mm
<b>Probe Diameter</b>	6mm
<b>Termination Type</b>	Cable
<b>Cable Length</b>	1m
<b>Process Connection</b>	Probe
<b>Sheath</b>	316 Stainless steel

## Operation Environment Specifications

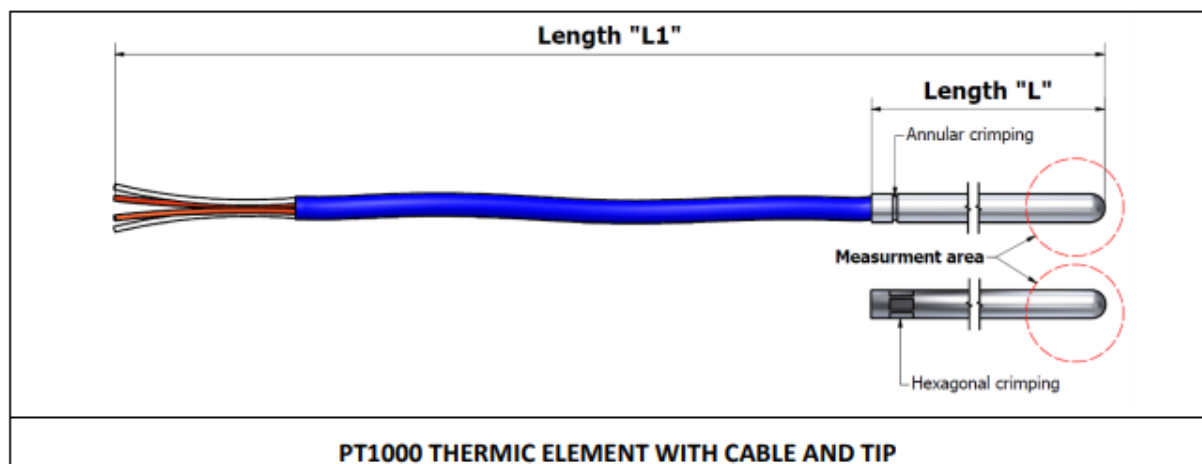
Minimum Temperature Sensed	-20°C
Maximum Temperature Sensed	100°C

## Approvals

Compliance/Certifications	IEC 60751
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RS Stock No. 457-3653



**Other dimensions:**

TIP Length Diameter	35mm	100mm
6mm	457-3653	334-2616