



## Temperature Sensors - TRPT1

### Description

The TRPT1 Pt100 resistance temperature sensors are specially designed for general industrial use. The sensing element is an RTD three wire device according to EN 60751 Class A.

The sensor consists of a probe, a connection head and measurement insert. The probe is made in austenitic stainless steel and the connection head is made of aluminium. The supply lines to the measurement insert are insulated from each other and from the probe tube with a ceramic insulator.

The sensor can be connected directly to a temperature

### Main Features

- Head type B-KNE
- Three wire sensing element
- Fastest response time
- Easy to install

Available Models: TRPT1 Simple sensor  
TRPT1T Sensor and transmitter

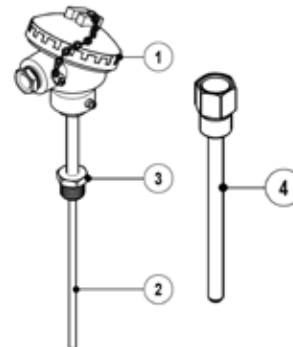
Pipe Conn.: 1/2"

Connections: Male thread ISO7/1 Rp (BS21)

Installation: In any position

### Application Limits

Operating temperatures Class A -10 to 300°C  
Maximum operating conditions 36.5 bar @ 400°C  
Ambient temperature -20 to +80°C



### Materials

1	Head	Aluminium alloy
2	Probe	AISI316L / 1.4404
3	Process connection	AISI316 / 1.4401
4	Thermowell (Pocket)	AISI316 / 1.4401

Article No.	Description	Type	Price
<b>VC.4050.100</b>	Resistance Thermometer TRPT1-100	DN 1/2" X 100	<b>£170.90</b>
<b>VC.4050.150</b>	Resistance Thermometer TRPT1-150	DN 1/2" X 150	<b>£188.20</b>
<b>VC.4055.100</b>	Resistance Thermometer TRPT1-100 With Transmitter	DN 1/2" X 100	<b>£347.50</b>
<b>VC.4055.150</b>	Resistance Thermometer TRPT1-150 With Transmitter	DN 1/2" X 150	<b>£364.70</b>
<b>VC.4100.100</b>	Thermowell	DN 1/2" X 100	<b>£77.80</b>
<b>VC.4100.150</b>	Thermowell	DN 1/2" X 150	<b>£87.70</b>



## Pressure Transmitter - PCS1

### Description

The PCS1 series pressure transmitters are suitable for all industrial applications, especially in severe conditions where high temperatures, pressure peaks and high levels of shock and vibration are present.

They are extremely robust and reliable thanks to their state of the art SMD electronics and compact all stainless steel construction.

### Main Features

- Very compact size.
- All stainless steel construction.
- Extended process media temperature from -40° to +125 °C.
- 2-wire 4...20 mA current loop output.
- G 1/4" pressure port with embedded o-ring.
- Available in multiple pressure ranges.
- < 0.5% of full scale overall accuracy.
- < 1 ms fast response.
- Capable of withstanding high levels of mechanical shock and vibrations.

### Options

Siphons and connector fitting adaptors for ADCA SG series siphons.  
M12 electrical connection (IP67 protection class).

Article No.	Range	Conn.	Price
<b>VC.PCS1.1.6</b>	0...6 bar	1/4"	<b>£291.00</b>
<b>VC.PCS1.1.10</b>	0...10 bar	1/4"	<b>£291.00</b>
<b>VC.PCS1.1.16</b>	0...16 bar	1/4"	<b>£291.00</b>
<b>VC.PCS1.1.25</b>	0...25 bar	1/4"	<b>£291.00</b>
<b>VC.PCS1.1.40</b>	0...40 bar	1/4"	<b>£291.00</b>
<b>VC.PCS1.1.100</b>	0...100 bar	1/4"	<b>£291.00</b>
<b>VC.PCS1.1.250</b>	0...250 bar	1/4"	<b>£291.00</b>
<b>VC.PCS1.1.400</b>	0...400 bar	1/4"	<b>£291.00</b>
<b>VC.PCS1.1.600</b>	0...600 bar	1/4"	<b>£291.00</b>