



# PT-06

## Resistance Thermometer for Pipes



## Features

/ For round surfaces

/ Pt100, Pt1000, NiCr-Ni

/ Aluminium sensor

## Description:

The PT-06 is a resistance temperature-sensor, specifically designed for round surfaces. The slightly angled form of the sensor helps to obtain the value from a greater area from rounded objects for a more accurate measurement of temperatures, as opposed to other, flat thermometers. A thermal-element (NiCr-Ni Typ K) or a resistance-temperature-sensor (Pt100/Pt1000) can be used for the measurement. The standard Version of the PT-06 comes with a 2 m silicone-cable with loose ends and end ferrules. Other lengths are available on request.

## Application:

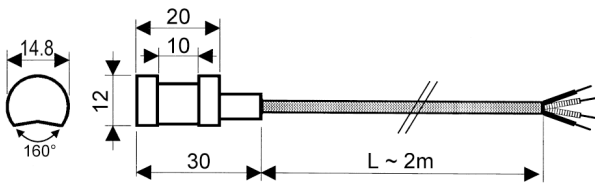
The PT-06 can be installed via tension belts or hose connectors, making it very easy to use. The indirect measuring does not disturb the media and only few to none mechanical work has to be done on the pipe itself. The PT-06 series thermometers are not subjected to any kind of process-pressures or chemical influences of the media, increasing their lifespan. To reach the highest efficiency, the use of thermal compound between sensor and pipe is strongly advised.



# Technical Specifications:

<b>Sensor /</b>	Pt100 (4-wire) Pt1000 (4-wire) NiCr-Ni
<b>Measuring range /</b>	-50. . .+200 °C
<b>Accuracy /</b>	Pt100 / Pt1000: DIN class B NiCr-Ni: class 1
<b>Sensor material /</b>	aluminium
<b>Cable connection /</b>	silicone cable or rather silicone compensation-cable, loose ends length: 2 m (max. 200 °C) other lengths on request
<b>Protection class /</b>	IP54

# Dimensions in mm:



# Ordering Codes:

<b>Order number</b>	<b>PT-06.</b>	<b>1.</b>	<b>2</b>
<b>PT-06 Surface-Sensor for pipes</b>			
<b>Sensor /</b>	1 = Pt100 (4-wire) 2 = Pt1000 (4-wire) 3 = NiCr-Ni		
<b>Cable length L /</b>	1 = 2 m (Standard) 2 = any, please specify in m □□□		