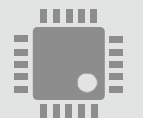
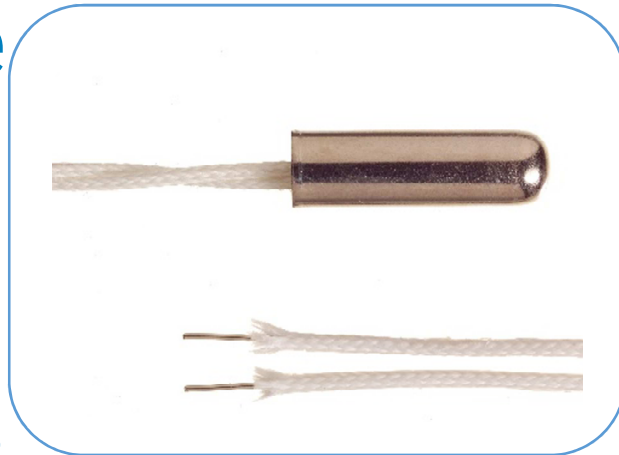


# General-Purpose Platinum RTD Temperature Sensor Type W-EYK6



Platinum RTD element encapsulated in stainless housing with ceramic cement.

## Applications

- Heating, ventilating, and air-conditioning
- Data logging
- Laboratory instrumentation
- Oven temperature
- Hi-temp temperature sensing

## Features

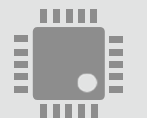
- Corrosion-resistant stainless steel protective housing
- High-temperature fiberglass-insulated connection wires
- Widely used for a variety of temperature-sensing applications
- Available in Pt100 or Pt1000 resistance values
- +500°C maximum operating temperature

## Heraeus Sensor Technology

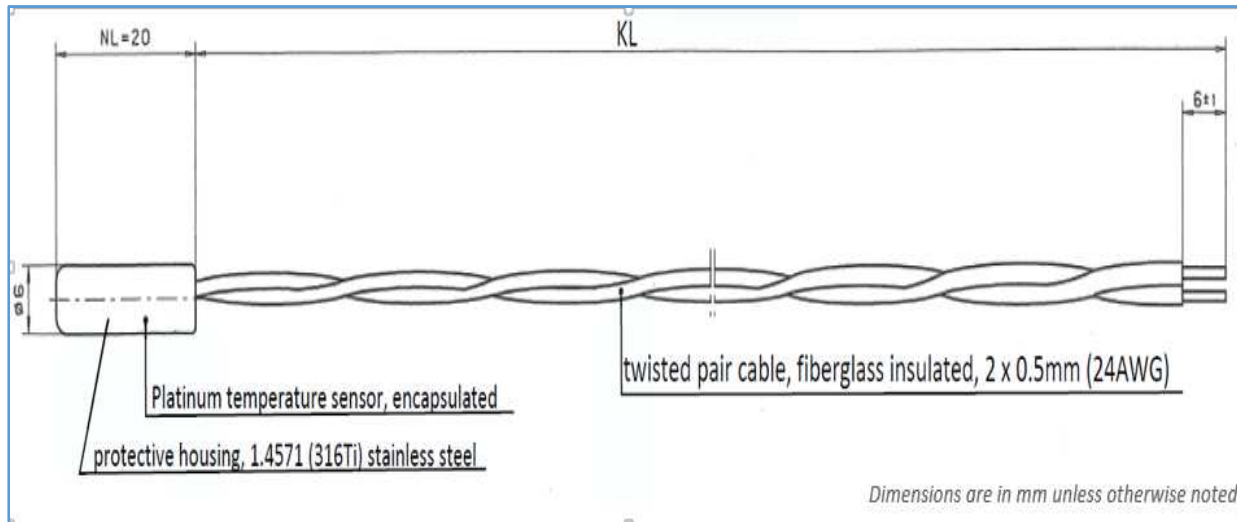
[www.heraeus-sensor-technology.com](http://www.heraeus-sensor-technology.com)

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Revision Date: 09/26



## General-Purpose Platinum RTD Temperature Sensor Type W-EYK6 Specifications



### Specifications

#### Operating Temperature Range

-40°C to +500°C

#### Connection wire

Fiberglass-insulated twisted pair,  
2x0.22mm<sup>2</sup> (24AWG), 300mm long

#### Temperature sensing element

Platinum RTD, Pt100 or Pt1000, as per  
DIN EN 60751; F0.1 from 0°C to +100°C

#### Housing

Closed end tube, stainless steel  
1.4571 (316Ti)

#### Wire resistance

0.04Ω/ft. (0.134Ω/m) for each conductor

### Heraeus Sensor Technology

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## General-Purpose Platinum RTD Temperature Sensor Type W-EYK6

### Options

Wire length

Resistance value

Connectors

### Ordering Code for Standard Product

Pt100 : 30500109

Pt1000 : 31500989

### Resistance vs Temperature Table

Reference tables @ [https://www.heraeus.com/en/hst/technical\\_information/technical\\_information\\_hst.aspx](https://www.heraeus.com/en/hst/technical_information/technical_information_hst.aspx)

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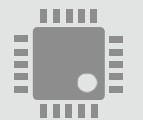
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