



## Resistance thermometer

- With transmitter
- Wide range of applications for neutral mediums and aggressive fluids

Product variants described in the data sheet may differ from the product presentation and description.

### Type description

Temperature measuring with 1xPt100 temperature probe integrated in stainless steel tube. The measuring unit is welded according to DIN IEC 751 and cannot be replaced.

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## 1. General technical data

### Product properties

Dimensions	Further information can be found in chapter "4. Dimensions" on page 4.
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### Material

Protection tube material	Stainless steel 1.4571
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Circuit type	2-wire circuit
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Connection	External thread G 1/2 A
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### Electrical data

Output signal	4 up to 20 mA (corresponds to a range from 0...+150 °C)
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Measuring current	Approx. 1 mA (film measuring resistor)
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### Performance data

Measuring range	0...+150 °C
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Accuracy	Class B ( $\Delta T$ [degree]= $\pm 0.3 \pm 0.005 T$ [°C])
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### Approvals and conformities

Protection class	IP67 with connector
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### Process/Port connection & communication

Electrical connections	Lumberg connector with/without cable
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### Environment and installation

Ambient temperature	Max. +85 °C
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## 2. Approvals and conformities

### 2.1. General notes

- The approvals and conformities listed below must be stated when making enquiries. This is the only way to ensure that the product complies with all required specifications.
- Not all available variants can be supplied with the below mentioned approvals or conformities.

### 2.2. Conformity

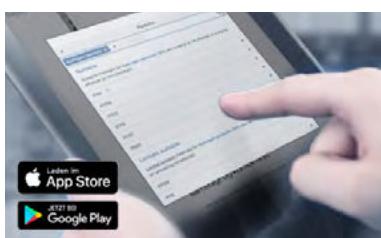
In accordance with the Declaration of Conformity, the product is compliant with the EU Directives.

### 2.3. Standards

The applied standards which are used to demonstrate compliance with the EU Directives are listed in the EU-Type Examination Certificate and/or the EU Declaration of Conformity.

## 3. Materials

### 3.1. Bürkert resistApp



#### Bürkert resistApp – Chemical resistance chart

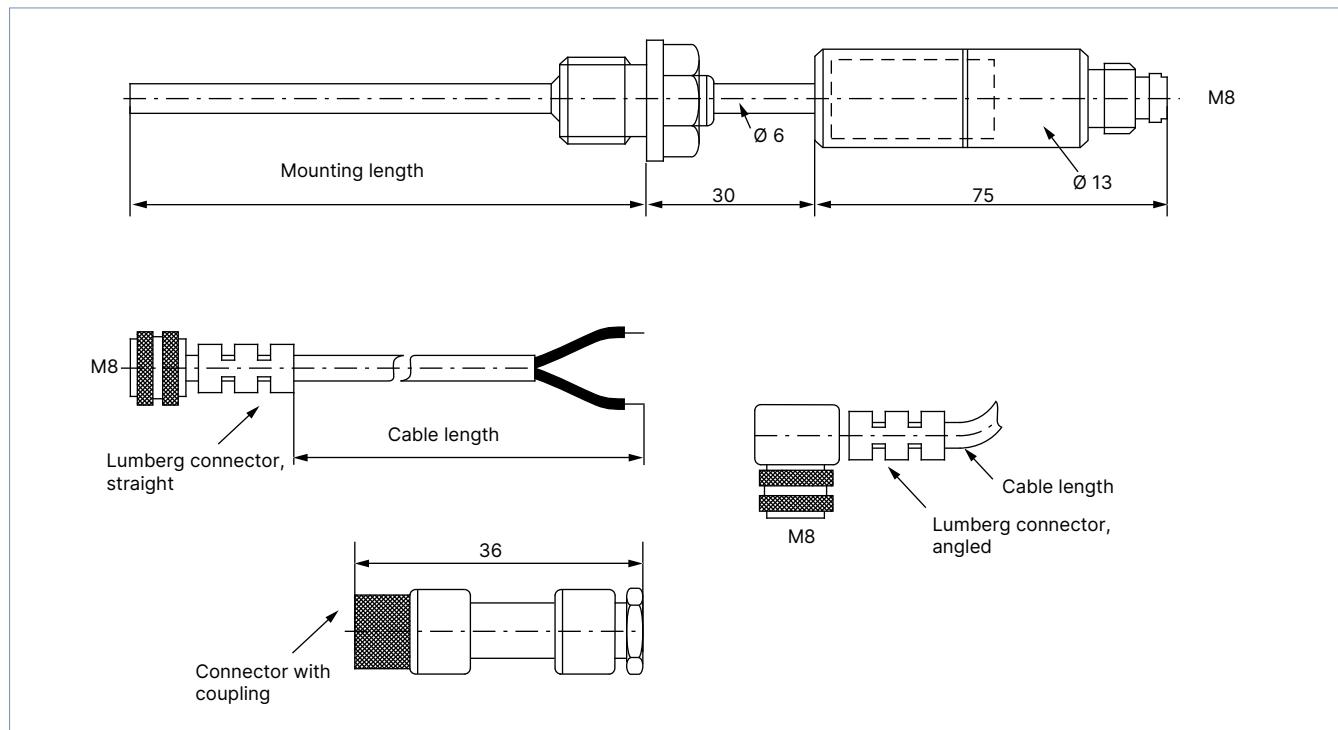
You want to ensure the reliability and durability of the materials in your individual application case? Verify your combination of media and materials on our website or in our resistApp.

[Start chemical resistance check](#)

## 4. Dimensions

**Note:**

Dimensions in mm



## 5. Ordering information

### 5.1. Bürkert eShop



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### 5.2. Bürkert product filter



#### Bürkert product filter – Get quickly to the right product

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### 5.3. Ordering chart

Mounting length [mm]	Thread	Article no.
40	G 1/2	784334 
50	G 1/2	784335 

### 5.4. Ordering chart accessories

Round connector, 4-pin, Lumberg	Cable length	Article no.
Straight	2 m	784337 
Straight	5 m	784338 
Angled	2 m	784339 
Angled	5 m	784340 
With coupling	–	784336 