**avrora-arm.ru**
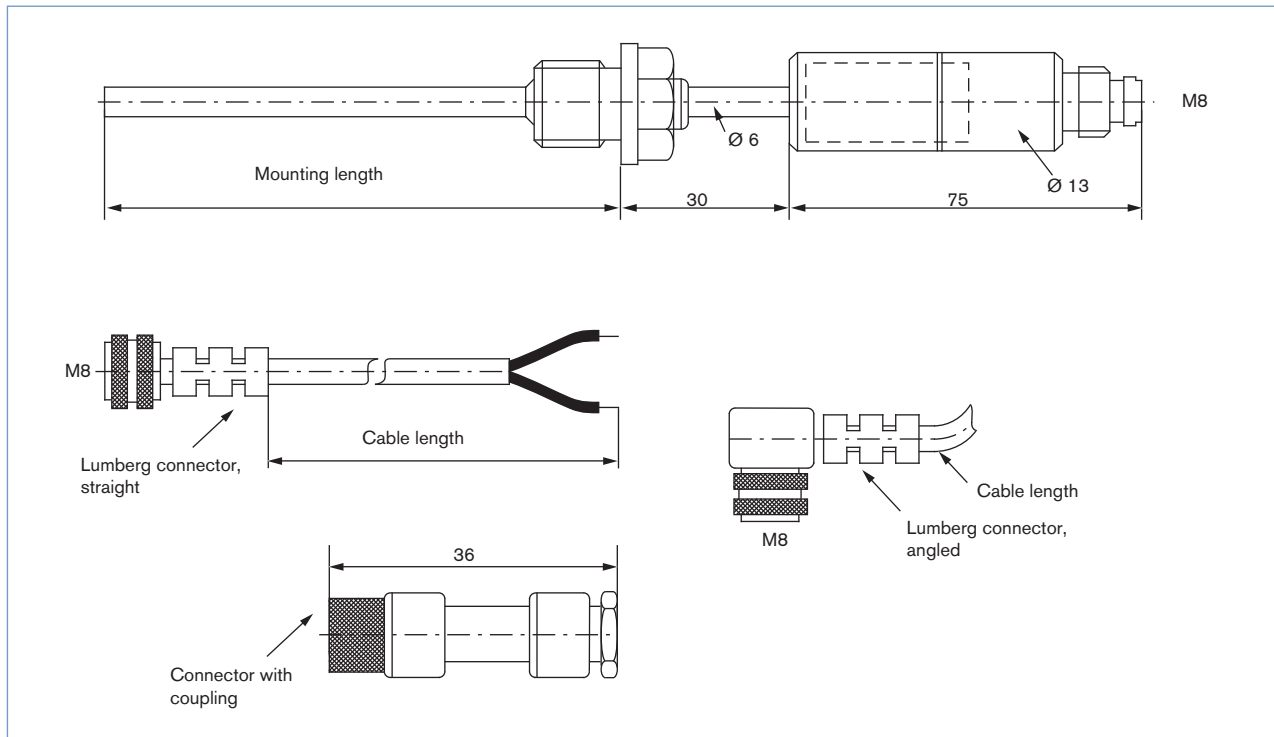**+7 (495) 956-62-18**

**bürkert**
FLUID CONTROL SYSTEMS

# Resistance Thermometer Pt100

▪ With transmitter

▪ Wide range of applications for neutral and aggressive fluid

Temperature measuring with 1xPt100-temperature probe integrated in stainless steel tube; Measuring unit according DIN IEC 751 welded-in and not exchangeable.

| Technical data | |
|---|---|
| **Measuring range** | 0 up to +150°C |
| **Accuracy** | class B <br> ($\Delta T$ [grad]= ±0.3 ±0.005 T  [°C]. |
| **Ambient temperature** | max. +85°C |
| **Output signal** | 4 up to 20 mA (correspond from 0 up to +150°C) |
| **Measuring current** | approx. 1 mA (film measuring resistor) |
| **Circuit type** | 2-wire circuit |
| **Electrical connections** | Lumberg connector with/without cable |
| **Protection class** | IP 67 with connector |
| **Protection tube material** | Stainless steel 1.4571 |
| **Connection** | External thread G 1/2 A |

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## Dimensions [mm]



Mounting length

30

75

Ø 6

Ø 13

M8

M8

Lumberg connector, straight

Cable length

Cable length

Lumberg connector, angled

M8

36

Connector with coupling

## Ordering chart

| Mounting length [mm] | Thread | Item no. |
|---|---|---|
| 40 | G 1/2 | 784 334 |
| 50 | G 1/2 | 784 335 |

## Ordering chart for accessories

| Round connector, 4-pins, Lumberg | Cable length | Item no. |
|---|---|---|
| **Straight** | **2 m** | 784 337 |
| **Straight** | **5 m** | 784 338 |
| **Angled** | **2 m** | 784 339 |
| **Angled** | **5 m** | 784 340 |
| **Connector with coupling** | **-** | 784 336 |

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