

RESISTANCE THERMOMETER type: RT-RM3

Process attachment: none or adjustable coupling

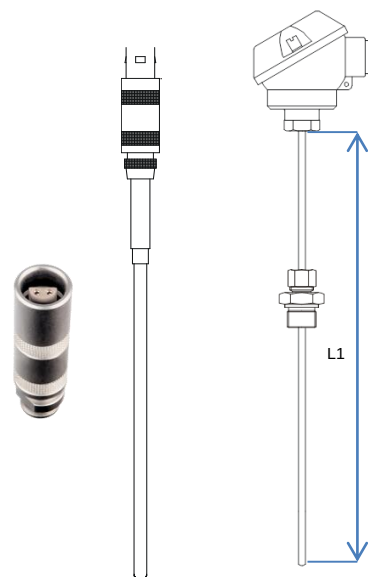
Execution: mineral insulated materials, i.e. bendable sensor tubes

Application:

- For measuring temperatures in situations that require the sensor: to be robust, flexible/ bendable (**Note!** min bending radius $5 \times D$ with repeated bending/ $2 \times D$ with bending once), to have a quick reaction time
- Typically applied in: processing plants, the engineering industry, drying plants

Properties:

- Pt100 resistance thermometer in accordance with IEC 60751
- Measuring insert: fixed
- Mechanical and thermal stress in accordance with DIN 43772
- Production in accordance with DIN 43733
- Process attachment: coupling, soldering or other mechanical means of attachment
- Outer protective sheath: different materials
- Ambient temperatures min/max: $-25/ +120^{\circ}\text{C}$ (depending on cable insulation)
- Approved by: GOST and GOST Metrology



RT-RM3

5652-E191015

MECHANICAL SPECIFICATIONS:

Protective sheath: -----

Wnr.1.4571 (AISI316TI)

Special

Type: -----

LEMO plug

B-Head

BM-Head (Mini)

Special

Sensor diameter: -----

$\varnothing 3$ mm

$\varnothing 4.5$ mm

$\varnothing 6$ mm

Special

Nominal length: -----

150 mm

300 mm

500 mm

1000 mm

Special

Process attachment: -----

None

Adjustable nipple 1/4" BSP

Adjustable nipple 3/8" BSP

Special

ELECTRICAL SPECIFICATIONS:

---Sensor element:

1xPt100

2xPt100

1xPt1000

2xPt1000

---Number of conductors:

2 wire

3 wire (only for 1xPt)

4 wire (only for 1xPt)

---Media temperatures max:

$+400^{\circ}\text{C}$

$+600^{\circ}\text{C}$

Special

---Tolerance in acc. with IEC 60751:

Type A DIN(i.e. $\pm(0,15+0,002 \times \text{Tactual})^{\circ}\text{C}$)

Type B 1/1 DIN (i.e. $\pm(0,3+0,005 \times \text{Tactual})^{\circ}\text{C}$)

Type B 1/3 DIN(i.e. $\pm(0,1+0,0017 \times \text{Tactual})^{\circ}\text{C}$)

Type B 1/6 DIN(i.e. $\pm(0,05+0,00083 \times \text{Tactual})^{\circ}\text{C}$)

Type B 1/10 DIN(i.e. $\pm(0,03+0,0005 \times \text{Tactual})^{\circ}\text{C}$)

Date:	Quantity:	Price per piece:	KP item No.:	Customer item No.:
Company name:	Name:	Tel.:	Fax:/e-mail:	