

RESISTANCE THERMOMETER type: RT-RC1

Cable sensor

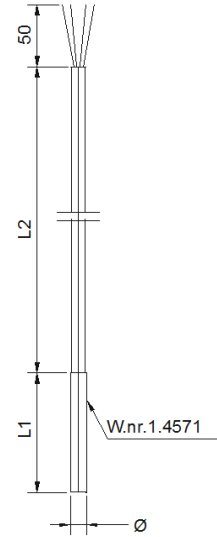
Application: all-purpose sensor/measuring insert

Application:

- All-purpose sensor/ insert
- For measuring temperatures in air-conditioning and cold storage plants
- For tasks that require interchangeable inserts

Properties:

- Sensor Pt100, and Pt1000.
- Process attachment: thermowell or adjustable coupling.
- Outer protective sheath: stainless acid-proof steel.
- Withstands vibrations.
- Measuring inset: Fixed.
- Approved by: GOST and GOST Metrology



	RT-RC1	5751-E200313
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MECHANICAL SPECIFICATIONS:

Protective sheath: -----
Wnr.1.4571 (AISI316TI)
Other

Sensor diameter Ø: -----
Ø6 mm
Special

Nominal length L1: -----
60mm
Special

Process attachment: -----
None
Adjustable coupling 1/4" BSP
Adjustable coupling 1/2" BSP
Adjustable flange Ø6mm
Special

ELECTRICAL SPECIFICATIONS:

--Sensor element:
1 x Pt100
2 x Pt100
1 x Pt1000
2 x Pt1000

--Number of conductors:
2 conductors
3 conductors
4 conductors

--Temperature range min/max:
-50/+180°C, -50/+250°C
Special

--Tolerance in acc. with DIN IEC 751: Type A
DIN (i.e.±(0,15+0,002xTactual)°C) Type B 1/1
DIN (i.e.±(0,3+0,005xTactual)°C) Type B 1/3
DIN (i.e.±(0,1+0,005xTactual)°C) Type B 1/6
DIN (i.e.±(0,06+0,005xTactual)°C) Type B 1/10
DIN(i.e.±(0,03+0,005xTactual)°C) Special

--Electrical connection:
Cable type SS (Silicone-Silicone)
Cable type SBS (Silicone-Braid-Silicone)
Cable type TBT (Teflon-Braid-Teflon)
Special

--Cable length L2:
2m, 4m, 6m, 10m
Special

--Degree of protection
IP54
IP67

RESISTANCE THERMOMETER type: TC-TC1

Cable sensor

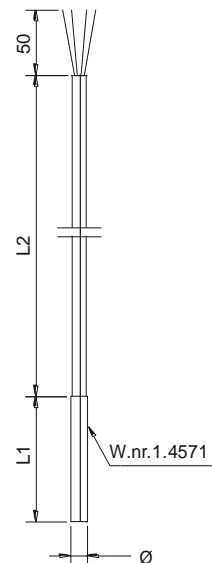
Application: all-purpose sensor/measuring insert

Application:

- All-purpose sensor/ insert
- For measuring temperatures in air-conditioning and cold storage plants
- For tasks that require interchangeable inserts

Properties:

- Thermocouple Type J or K acc. with IEC 60751
- Process attachment: Thermowell or adjustable coupling
- Outer protective sheath: Stainless acid-proof steel
- Withstands vibrations
- Measuring insert: Fixed
- Approved by: GOST and GOST Metrology



	TC-TC1	5750-E200313
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MECHANICAL SPECIFICATIONS:

Protective sheath: -----	<input type="text"/>
Wnr.1.4571 (AISI316TI)	
Other	
Sensor diameter Ø: -----	<input type="text"/>
Ø6 mm	
Special	
Nominal length L1: -----	<input type="text"/>
60 mm	
Special	
Process attachment: -----	<input type="text"/>
None	
Adjustable coupling 1/4" BSP	
Adjustable coupling 1/2" BSP	
Adjustable flange Ø6mm	
Special	

ELECTRICAL SPECIFICATIONS:

<input type="text"/>	---Sensor Element:
	Type J (Fe-CuNi) max. +800°C
	Type K (NiCr-Ni) max. +1200°C
	Special
<input type="text"/>	---Number of thermo couples:
	1xTC
	2xTC
	Special
<input type="text"/>	---Media Temperature max.:
	800°C
	1150°C (Type K)
<input type="text"/>	---Tolerance in acc. with DIN 43732.:
	Class 1 for K, J(±1,5°C eller ±(0,0040 x T)°C)
	Class 2 for K, J(±2,5°C eller ±(0,0075 x T)°C)
<input type="text"/>	---Electrical connection:
	Cable type PVC (Plastic-Plastic)
	Cable type TT (Teflon-Teflon)
	Cable type TGSB (Teflon-Glass-Braid)
	Special
<input type="text"/>	---Cable length:
	1000mm
	3000mm
	5000mm
	Special