

RESISTANCE THERMOMETER type: RT-RTBC2

Application: for measuring bearing temperatures

Measuring inset: fixed

Application:

- For measuring temperatures in moveable parts such as bearings and axles
- For tasks that require easy and quick replacement of temperature sensors

Properties:

- Sensor Pt100 or Pt1000
- Measuring inset: fixed
- Electrical connection: cable type TBT (Teflon-Braid-Teflon)
- Outer protective sheath: acid-proof steel
- IP67
- Marine approved by: DNV LR, NK, RINA, ABS and BV



RT-RTBC2

5860-E200313

MECHANICAL SPECIFICATIONS:

Protective sheath: -----

Wnr.1.4571 (AISI316TI)

Sensor diameter: -----

Ø6mm
Ø8mm
Special

Nominal length L1: -----

50mm
100mm
150mm
Special

Process attachment: -----

1/4" BSP (with oil tight O-ring)
1/2" BSP (with oil tight O-ring)
1/2"NPT (with oil tight O-ring)
Special

Spring Length: -----

100mm
150mm
200mm

Bottom:-----

Steel
Silver (For quick reaction)

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

---Media temperatures max:

- 50/+250°C
Special

---Electrical connection:

Cable type TBT (Teflon-Braid-Teflon)
Special

---Cable length:

3000mm
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 IN(i.e.±(0,03+0,005xTactual)°C)

Date:	Amount:	Price:	KP item no.:	Customer item no.:
Company name:	Name:	Tel.:	Fax:/e-mail:	

THERMO COUPLE THERMOMETER type: TC-RTBC2

Application: for measuring bearing temperatures

Measuring inset: fixed

Application:

- For measuring temperatures in moveable parts such as bearings and axles
- For tasks that require easy and quick replacement of temperature sensors

Properties:

- Sensor Thermocouple type K, J, E, N, T
- Measuring inset: fixed
- Electrical connection: cable type TBT (Teflon-Braid-Teflon)
- Process attachment: bayonet coupling
- Outer protective sheath: acid-proof steel
- IP67
- Marine approved by: DNV LR, NK, RINA, ABS and BV



TC-RTBC2

5860-E200313

MECHANICAL SPECIFICATIONS:

Protective sheath: -----

Wnr.1.4571 (AISI316TI)

Sensor diameter: -----

Ø8mm
Special

Nominal length L1: -----

50mm
100mm
150mm
Special

Process attachment: -----

1/4" BSP (with oil tight O-ring)
1/2" BSP (with oil tight O-ring)
1/2"NPT (with oil tight O-ring)
Special

Spring Length: -----

100mm
150mm
200mm
Special

Sensor Bottom:-----

Steel
Silver (For quick reaction)

ELECTRICAL SPECIFICATIONS:

---Sensor element:

Type K (NiCr-Ni) max +1150°C
Type J (Fe-CuNi) max +700°C
Type E (NiCr-CuNi) max +800°C
Type N (NiCrSi-Ni) max +1250°C
Type T (Cu-CuNi) max +300°C
Special

---Number Thermo couple:

1 x TC
2 x TC

---Cable length:

3000mm
6000mm
10000mm
Special

---Tolerance in acc. with DIN IEC 751:

Class 1 for K,J,E,N (i.e. $\pm 1,5^{\circ}\text{C}$ or $\pm(0,0040 \times T)$)
Class 2 for K,J,E,N (i.e. $\pm 2,5^{\circ}\text{C}$ or $\pm(0,0075 \times T)$)
Class 1 for T (i.e. $\pm 0,5^{\circ}\text{C}$ or $\pm(0,0040 \times T)$)
Class 2 for T (i.e. $\pm 1,5^{\circ}\text{C}$ or $\pm(0,0075 \times T)$)

Date:	Amount:	Price:	KP item no.:	Customer item no.:
Company name:	Name:	Tel.:	Fax:/e-mail:	