

RESISTANCE THERMOMETER type: RT-RST-M

Application: For Stern Tube

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

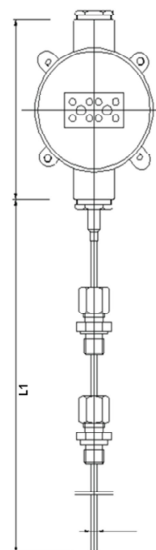
Electrical connection: Box cable

Application:

- Stern Tube

Properties:

- Pt100 resistance thermometer in acc. with DIN IEC 751
- Measuring inset: fixed
- Mechanical and thermal stress in accordance with DIN 43763
- Process attachment: adjustable coupling
- Constructed so as to have the greatest possible accuracy and durability during demanding operating conditions that means:
 - It is robust
 - It is flexible/ bendable (do not bend the first 50mm!)
 - It has a quick reaction time
- Outer protective sheath: acid-proof steel
- IP67
- Electrical connection: Connection box
- Mechanical connection: 2 adjustable couplings
- Marine approved by: DNV, LR, GL, NK, RINA, ABS, KR and BV
- Approved by: GOST and GOST Metrology



RT-RST-M

5857-E200313

MECHANICAL SPECIFICATIONS:

Protective sheath: -----

Wnr.1.4571 (AISI316Ti)

Mineral insulated tube diameter: -----

Ø3mm
Ø4.5mm
Ø6mm
Special

Mineral insulated tube length L1: -----

2000mm
3000mm
5000mm
7000mm
10000mm
Special

Adjustable coupling: -----

Adjustable 1/4" BSP
Adjustable 3/8" BSP
Adjustable 1/2" BSP
Special

ELECTRICAL SPECIFICATIONS:

---Sensor element:

1 x Pt100
2 x Pt100
1 x Pt1000
2 x Pt1000

---Number of conductors:

2 conductors
3 conductors (only for 1 x Pt100),
4 conductors (only for 1 x Pt100)

---Media temperatures max:

+600°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

☐ No ☐ Yes

If "Yes":

4mA= _____ °C

20mA= _____ °C

☐ Upscale

☐ Downscale

Type:.....

---Programmable transmitter.

Measuring range min/max: -200/+850°C

Output: 2-wire, 4-20mA

Min span: 25°C

Ambient temperature min/max:

-40/+85°C

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

THERMO COUPLE THERMOMETER type: TC-TST-M

Application: for stem ducts

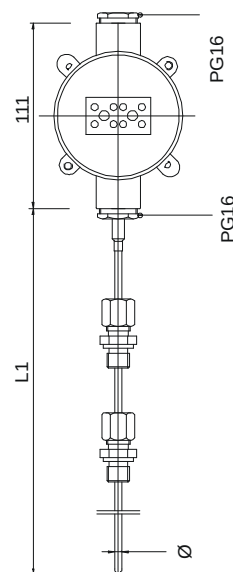
Execution: mineral insulated materials, i.e. bendable sensor tubes. Electrical connection: box

Application:

- For stem ducts/ exhaust thermometer

Properties:

- Thermo couple thermometer type K, J, E, N.
- Tolerance in acc. with:
 - DIN IEC 584-1
 - DIN IEC 584-2
 - DIN 43710
- 2 conductors
- Thermo couple welding: insulated
- Process attachment: adjustable coupling
- Electrical connection: box
- Constructed so as to have the greatest possible accuracy and durability during demanding operating conditions
- Outer protective tube: stainless acid-proof steel
- IP67
- Marine approved by: DNV, LR, GL, NK, RINA, ABS, KR og BV
- Approved by: GOST and GOST Metrology.



TC-TST-MC

5856-E200313

MECHANICAL SPECIFICATIONS:

Protective sheath: -----

Wnr.1.4571(AISI316Ti)

Mineral insulated tube diameter: -----

Ø3mm
Ø4.5mm
Ø6mm
Special

Mineral insulated tube length L1: -----

2000mm
3000mm
5000mm
7000mm
10000mm
Special

Adjustable coupling: -----

Adjustable nipple 1/4" BSP
Adjustable nipple 3/8" BSP
Adjustable nipple 1/2" BSP
Special

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
Special

---Number of thermo couples:

1xTC
2xTC

---Temperature range max:

600°C
Special

---Tolerance in acc. with DIN 43732:

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

---Programmable transmitter:

Measuring range min/max:

180/+1800°C

Output: 2-wire, 4-20mA

Min. span: 50-200°C depending on thermo couple

Ambient temperature min/max:

-40/+85°C

☐ No ☐ Yes

If "Yes":

4mA= _____ °C

20mA= _____ °C

☐ Upscale
☐ Downscale

Type:.....

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