Resistance thermometers

Questionnaire for temperature sensors (resistance thermometers and thermocouples)

General information

Customer: .....

Address: .....

Contact partner: .....

Purchasing dept.: ..... Tel.: .....

Sales dept.: ..... Tel.: .....

Process dept.: ..... Tel.: .....

Inquiry: .....

Quotation: .....

Place and date: .....

Operating conditions

1. Application: .....
   (e.g. exhaust gas measurement)
2. Location: .....
   (e.g. pipe bend, tank)
3. Mounting position: .....
   (e.g. vertical, 45° against flow)
4. Temperature (measuring point): .....
   Operating temperature: .....
   Temperature range: .....
5. Medium: .....
6. Pressure: .....
   Nominal pressure: .....
   Operating pressure: .....
7. Flow: .....
8. Vibrations: .....
9. Miscellaneous: .....
   (e.g. vessel or pipe materials, PTFE lining)

Ambient conditions

(e.g. seawater atmosphere, chemical plant)

Definition: .....

.....

.....

Special information

1. Mounting of temperature transmitter in connection head:
   .....
   .....
2. Packaging regulations: .....
   .....
   .....

Miscellaneous

Please additionally provide the following: rough sketch, installation diagram, section of drawing, photo

Sensor design

1. Measuring element: .....
   (type and standard) (e.g. Pt100 or TC type K)

1.1. Tolerance: .....

1.2. Design: .....
   (e.g. Pt100 or 2, 3 or 4-wire system)

1.3. Degree of protection/type of protection: .....

2. Protective fitting: .....

2.1. Protective tube: .....
   (dimensions/material)

2.2. Mounting: .....
   (dimensions/material)

2.3. Neck tube: .....
   (dimensions/material)

2.4. Mounting length/nominal length: .....

3. Material certificates: .....

4. Connection: .....

4.1. Connection head/box: .....

4.2. Cable: .....
   (dimensions/insulation/standard)

4.3. Other: .....
   .....

5. Tests: .....
   .....

6. Accessories: .....
   .....

7. Supplementary requirements: .....
   .....