

temperature measurement

resistance thermometer WTR 296

features

- resistance thermometer as pipe contact sensor "made in Germany"
- different sleeve variants selectable
- cable material and length selectable

technical specifications

- connecting cable made of PVC, silicone or Teflon
- temperature range $-50^{\circ}\text{C} \dots +180^{\circ}\text{C}$
- degree of protection IP67
- with additional heat-shrink tubing transition from sensor to cable

typical areas of application

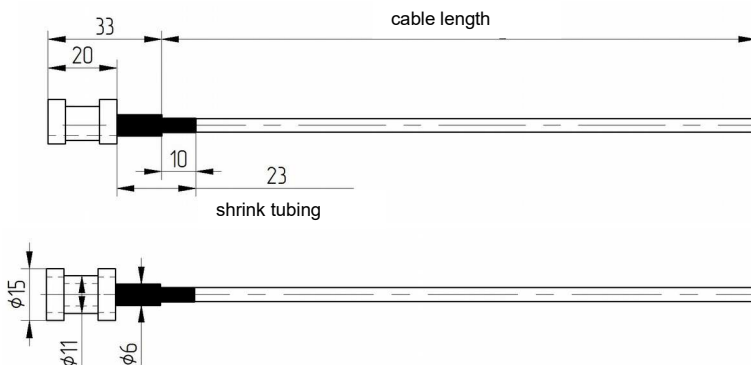
- for cost-effective acquisition of surface temperatures of solid bodies
- on pipelines
- on containers
- on heating lines
- on cooling systems

assembly instructions

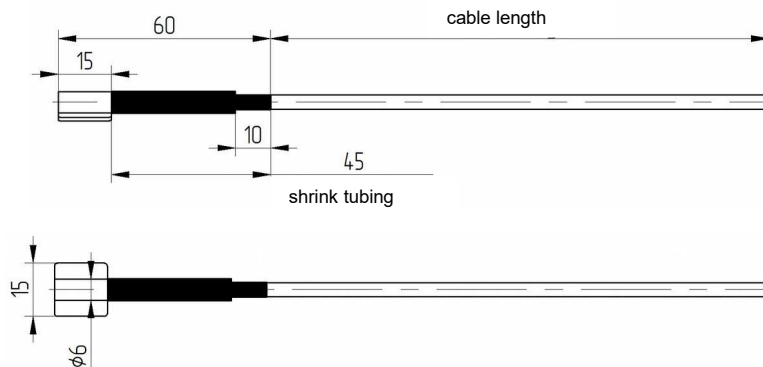
- the sensor can be mounted using clamps, cable ties or similar

technical drawing

WTR 296 ALU-attachment prism



WTR 296 stainless steel sleeve with attachment plate



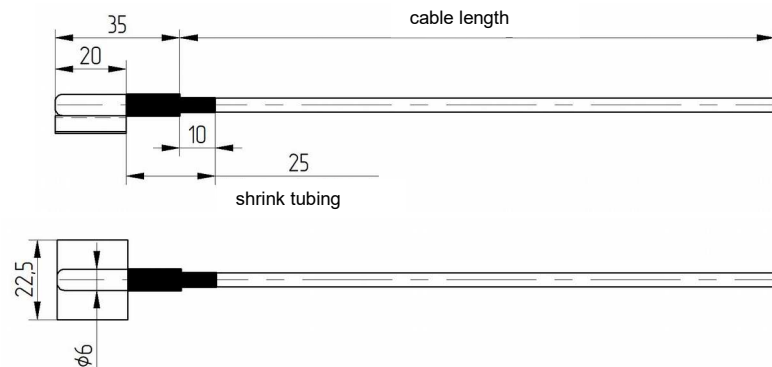
WTR 296-...

temperature measurement

resistance thermometer WTR 296

technical drawing

WTR 296 brass sleeve with attachment plate



order-code: WTR 296...

order example: WTR 296-ALU-02S-1A3-WS

mounting variant

- ALU aluminum contact prism (see drawing for dimensions)
- E stainless steel sleeve with contact plate (see drawing for dimensions)
- MS brass sleeve with contact plate (see drawing for dimensions)

length of cable and material

- 00T specify length of cable (e. g. 02 = 2 m) / m, cable material Teflon (temp. range up to +260°C)
- 00S specify length of cable (e. g. 02 = 2 m) / m, cable material silicone (temp. range up to +180°C)
- 00PVC specify length of cable (e. g. 02 = 2 m) / m, cable material PVC (temp. range standard up to +85°C)

type of sensor and tolerance

- 1A2 1xPT100 2-wire class A
- 1A3 1xPT100 3-wire class A
- 1A4 1xPT100 4-wire class A
- 2A2 2xPT100 2-wire class A
- 2A3 2xPT100 3-wire class A
- 1(1/3DIN)3 1xPT100 3-wire 1/3 DIN tolerance
- 2(1/3DIN)3 2xPT100 3-wire 1/3 DIN tolerance
- 1A2/PT1000 1xPT1000 2-wire
- NI1000 1 x NI1000 sensor TK6180
- KTY81-110 1 x KTY81-110 sensor
- KTY81-210 1 x KTY81-210 sensor
- KX type of sensor and tolerance on customer`s request

moisture protection

- WS with additional heat-shrink tubing transition from sensor to cable (standard)