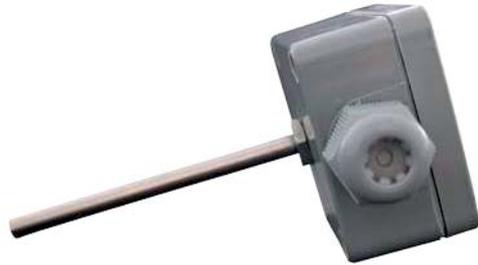


temperature measurement

resistance thermometer YVT 452

features

- standard resistance thermometer without neck tube
- connection head made of plastics polyamide
- flat protective fitting without process connecting thread
- protective fitting adaptable with different clamp screw fittings
- protective fitting adaptable with different weld-in screwings
- available with tapered measuring point
- protective fitting screwed with connecting head
- temperature resistance PT100 directly constructed in protective fitting
- electrical connection on the board (clamps)
or programmable measuring transducer
- specials on request



YVT452-A1-A-1A3

technical specifications

- protective fitting of stainless steel 1.4571 (V4A)
- length of sensor selectable
- connecting box made of polyamide PA6
- size of box 58 x 64 x 35 mm
- type of protection IP 65
- standard temperature: -50 °C to +130 °C
with measuring transducer: -40 °C to +85 °C

application areas

- temperature measurement in pipelines
- temperature measurement in cases
- temperature measurement at fast process demand
- easy replacement of the complete temperature sensor
- variable depth of sensor immersion

order-code YVT 452...

order example: YVT452-A1-A-1A2-KMU

position of gland of protective fitting (sensor)

- A1 protective fitting (sensor) below

mounting length

- A 50 mm mounting length
- B 100 mm mounting length
- C 150 mm mounting length
- D 200 mm mounting length
- E 250 mm mounting length
- F 300 mm mounting length
- G 350 mm mounting length
- H 400 mm mounting length
- K mounting length on customer's request (please specify length)

type of sensor and tolerance

- 1A2 1xPT100 class A 2-wire
- 1A3 1xPT100 class A 3-wire
- 1A4 1xPT100 class A 4-wire
- 2A2 2xPT100 class A 2-wire
- 2A3 2xPT100 class A 3-wire
- KX types of sensor and tolerance on customer's request

optional

- KMU with programmable measuring transducer

updated 01/2018