

temperature measurement

resistance thermometer YVT 552

features

- standard resistance thermometer without neck tube
- connection head made of stainless steel
- flat protective fitting without process connection thread
- protective fitting adaptable with different clamp screw fittings
- protective fitting adaptable with different weld-in screwing
- available with tapered measuring point
- protective fitting pressed closed to connection head
- temperature resistance PT100 directly constructed in protective fitting
- electrical connection on board (clamps)
or programmable measuring transducer
- specials on request



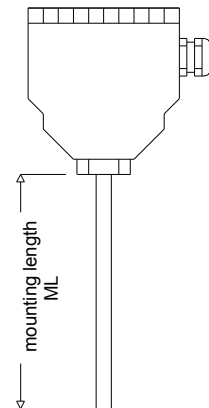
YVT552-5-B-1A-V0-KMU

technical specifications

- protective fitting made of stainless steel V4A 1.4571
- diameter 6 x 1 mm, other diameters on request
- with weld-in screwing asepted measuring points are possible
- temperature ranges: -50 °C to +200 °C
(extended ranges on request)
- short reaction time

application areas

- temperature measurement in pipelines
- temperature measurement in cases
- temperature measurement at fast process demand
- changeable measuring element
- variable depth of sensor immersion



order-code YVT 552...

order example: YVT552-5-A-2A-V3-KMU (0-100 °C)

connection heads

- 1 aluminium head standard, with screwing, protection class IP65
- 5 stainless steel head standard with screw cap, with screwing, protection class IP69K
- 6 stainless steel head standard with screw cap, with M12-plug, protection class IP69K
- J aluminium head small, form J, protection class IP65 (not available with measuring transducer)

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

- 1A 1xPT100 class A
- 2A 2xPT100 class A
- 1C 1xPT100 1/3 DIN
- 2C 2xPT100 1/3 DIN
- KX type of sensor and tolerance on customer's request

tapered measuring point

- V0 without taper
- V3 taper to 3 mm
- V4 taper to 4 mm

optional

- KMU with programmable measuring transducer (temperature range on request on preadjustment please specify)

updated 01/2018