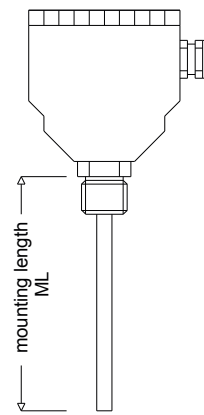MEYLE®

resistance thermometer YVT 542

features

- standard resistance thermometer without neck tube
- connection head made of stainless steel
- protective fitting on DIN 43 763
- 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

YVT542-5-B-1A-V0-KMU

technical specifications

- protective fitting made of stainless steel V4A 1.4571
- diameter 6 x 1 mm, other diameters on request
- process connection thread G 1/2"A
- 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 in rough environments
- temperature measurement at fast process demand
- temperature measurement at high mechanical load

mounting length ML

order-code YVT 542...   order example: YVT542-5-A-2A-V3-KMU (0-100 °C)

connection heads

-1   aluminiumhead 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   aluminiumhead 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

-VO   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