

temperature measurement

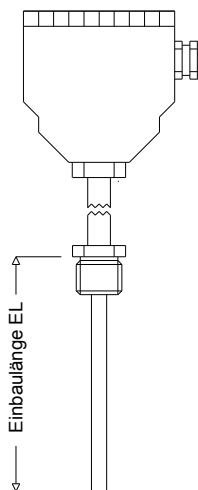
resistance thermometer WTR 310

features

- standard resistance thermometer with 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



WTR310-5-B-HR100-1A-V0-KMU



technical specifications

- protective fitting made of stainless steel 1.4571
- diameter 6 x 1 mm, other diameters on request
- process connection thread G 1/2"A
- temperature ranges: -50 °C to +400 °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

order-code WTR 310...

order example: WTR310-5-A-HR50-2A-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)

neck tube length

- HRXXX XXX neck tube length in mm (example HR50 = 50mm neck tube)

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)