

temperature measurement

resistance thermometer WTR 140

features

- resistance thermometer for food industry
- connection head made of V4A
- closed to the process
- with different connection adapters adaptable to the connection head
- changeable measuring element with ceramic socket or programmable measuring transducer



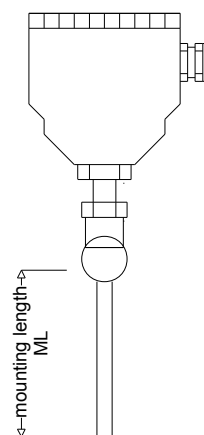
WTR140-5-X-1A3

technical specifications

- protective fitting of V4A 1.4571
- diameter 6 x 1 mm, other diameters on request
- diameter of the nodular welded sleeve 25mm
- aseptic measure points
- temperature range: -50 °C to +400 °C (extended ranges on request)

application areas

- temperature measurement in pipelines
- temperature measurement in cases
- temperature measurement at higher medium temperature
- temperature measurement at isolated measure points
- temperature measurement at high mechanical load
- food tangent application
- unproblematic calibration during current process



order-code WTR 140...

order example: WTR140-5-A-1A3-KMU (0-100 °C)

connection heads

- 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
- 15 stainless steel head hightened design with screw cap,with screwing, protection class IP69K
- 16 stainless steel head hightened design with screw cap, with M12-plug, protection class IP69K

mounting length

- A 50 mm mounting length with standard adapter
- B 100 mm mounting length with standard adapter
- C 150 mm mounting length with standard adapter
- D 200 mm mounting length with standard adapter
- E 250 mm mounting length with standard adapter
- F 50 mm mounting length with long adapter
- G 100 mm mounting length with long adapter
- H 150 mm mounting length with long adapter
- L 200 mm mounting length with long adapter
- M 250 mm mounting length with long adapter
- X 30 mm mounting length with special adapter
- 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 (temperature range on request on preadjustment please specify)
- 2KMU with 2 programmable measuring transducers (head hightened design necessary, please name temperature range)WTR