

temperature measurement

resistance thermometer YVT 312

features

- temperature sensor for ambient temperature measurement
- closed protective fitting
- very resistant against detergent
- for comprehensive temperature ranges
- position of gland of protective fitting on customer's request
- optional available with programmable measuring transducer

technical specifications

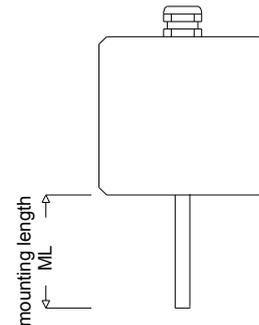
- protective fitting with material 1.4571 (V4A)
- length of sensor 45 mm other lengths on request
- connecting box made of polyamide PA6
- size of box 58 x 64 x 35 mm
- type of protection IP 65
- standard temperature: -50 °C to +130 °C
- with measuring transducer: -40 °C to +85 °C



YVT312-A1-1A3-KMU

application areas

- temperature measurement for cooling chambers
- temperature measurement for deep-freeze rooms
- temperature measurement for defroster rooms
- temperature measurement for cooling tunnels
- temperature measurement for shock freezers
- temperature measurement for smoking chambers
- temperature measurement for ripening rooms
- temperature measurement for rough environments
- temperature measurement for external areas



order-code YVT 312...

order example: YVT312-A1-1A3-KMU

position of gland of protective fitting (sensor)

- A1 gland above, protective fitting (sensor) down
- B1 gland right side, protective fitting (sensor) down
- mounting rail room temperature sensor for switch cabinet, snapped onto mounting rail

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
- 1A2/PT1000 1xPT1000 2-wire
- NI1000 1xNI1000 sensor TK6180
- KTY 81-110 1xKTY81-110 sensor
- KTY 81-210 1xKTY81-210 sensor
- KX other types according to customer's wish

optional

- KMU with programmable measuring transducer

updated 01/2018