

## temperature measurement

### resistance thermometer WTR 195

#### features

- resistance thermometer as room temperature sensor
- mainly used in the food industry, colour pure white
- closed protective fitting, non-perforated
- cleaning resistant materials
- wide temperature range
- position of the screw connection to the protection fitting selectable
- optional available with programmable measuring transducer

#### technical specifications

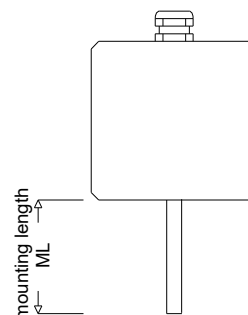
- stainless steel protection fitting
- length of sensor 45 mm other lengths on request
- connecting housing made of polyamide, colour pure white
- dimensions (LxBxH) 75 x 69 x 44 mm
- type of protection class IP 65
- standard temperature range: -50°C to +90°C
- with measuring transducer: -40 °C to +85 °C



WTR195-A1-1A3-KMU

#### application areas

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



#### order-code WTR 195...

order example: WTR195-A1-1A3-KMU

#### Direction screw connection to 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
- KTY81-110 1xKTY81-110 sensor
- KTY81-210 1xKTY81-210 sensor
- KX other sensor types and tolerances according to customer requirements

#### optional

- KMU with programmable measuring transducer