

temperature measurement

resistance thermometer WTR 190

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 made of stainless steel 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

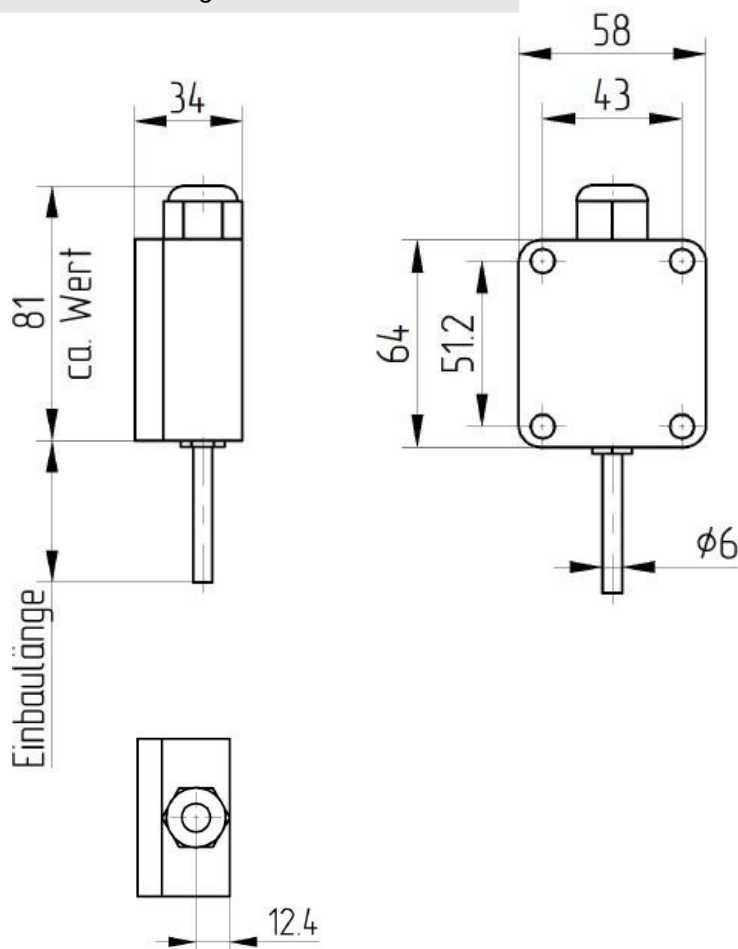


WTR 190-A1-1A3-KMU

product benefits

The WTR 190 is a temperature sensor in a wall-mounted housing. This makes it the right choice for reliable detection of temperatures indoors or outdoors. Thanks to the robust housing made of polyamide PA6, the WTR 190 can also be used without any problems in shock freezers, frozen food warehouses and under aggressive environmental conditions in industry.

technical drawing



temperature measurement

order-code WTR 190...

order example: WTR 190-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

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