

Temperature sensors with a plastic housing

Series 64-TKG

Temperature sensors with a plastic housing are designed for measuring the temperature of air and non-aggressive gases in air conditioning and ventilation systems or surface temperatures of pipes.

Versions for wall mounting, duct mounting and surface pipe mounting are available.

The standard measuring sensors are Pt100 or Pt1000 in a 2- or 3-wire circuit system. It is possible to make probes with other measuring sensors as e.g. Ni1000LG or according to individual arrangements.

The 64-TKG series includes the following constructions:

- · Wall-mounted version with an internal sensor
- Wall-mounted version with sensor in the external metal protection tube.
- · Duct mounted version.
- · Pipe mounted version.



Description

| Туре | 64-28301001-0050.TM |
|----------------|---------------------|
| Article number | 19047867 |

Temperature sensor with a plastic housing with 1xPt1000 sensor in the metal protection tube. Wall mounting version. The stepped down metal tube ensures quick response of temperature changes.

Technical parameters

| Sensor | 1x Pt1000 |
|--|---|
| Circuit connection | 2- / 3- wire |
| Measuring range | -40+100°C |
| Accuracy 2-wire connection 3-wire connection | class B acc. to IEC 60751 class A acc. to IEC 60751 range -30+100°C |
| Metal tube length | 50mm |
| Diameter | 5mm / 3,5mm |
| Protection tube material | stainless steel |
| Housing dimension | 75x69x44mm |
| Housing material | PA6 |
| Cable gland / outlet | for cable Ø 410 mm |
| IP protection | IP 65 |

Terminals, color marking

| Sensor connection Pt1000 | |
|-----------------------------|--|
| 3-wire | |
| 2-wire | |

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