

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

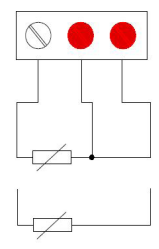
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Temperature sensor with a plastic housing with 1xPt100 sensor in the metal protection tube. Wall mounting version. The stepped down metal tube ensures quick response of temperature changes.

Technical parameters

Sensor	1x Pt100
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 4...10 mm
IP protection	IP 65

Terminals, color marking

Sensor connection Pt100	
3-wire	
2-wire	