

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	64-23301001-0050.TM
Article number	18037583

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 410 mm
IP protection	IP 65

Terminals, color marking

Sensor connection Pt100	
3-wire	
2-wire	

Bauhofstrasse 12 90571 Schwaig Tel.: +49 911 506995 0 www.guenther.eu Germany

Guenther Polska

UI. Wrocławska 27C 55-095 Długołęka Tel.: +48 71 352 70 70 www.guenther.com.pl Polska

Langkamp Technology B.V.

Molenvliet 8 3961 MV Wijk bij Duurstede Tel. +31 343 59 54 17 www.ltbv.nl Nederland

Guenther Tehnica Măsurării S.R.L.

Calea Aurel Vlaicu 28-32 310159 Arad Tel.: +40 0 257 33 90 15 www.guenther.eu

Romania