

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 pipe surface temperatures.

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

The standard mounted measuring sensors are Pt100 or Pt1000 in a 2- or 3-wire connectons. It is possible to produce version with other measuring sensors as e.g. Ni1000LG or according to individual arrangements.

The 64-TKG series includes the following constructions:

- · Wall-mounted sensor with an internal sensor
- · Wall-mounted sensor with sensor in external metal tube
- Duct mountied sensor
- Sensor for contact pipe mounting



Description

Туре	64-28460301-0150.SF01
Article number	19047950

Duct mounted resistance thermometer 1xPt1000 with plastic housing. Stop flange for installation.

Characteristic

Temperature [°C]	Resistance $[\Omega]$	Temperature [°C]	Resistance [Ω]
-50	803,06	25	1097,35
-20	921,60	50	1193,97
-10	960,86	100	1385,06
0	1000,00	180	1684,78

Technical specifications

Sensor	1x Pt1000
Connection	2- / 3- wire
Measuring range	-50+180°C
Accuracy 2-wire connection 3-wire connection	class B acc.to IEC 60751 class A acc. to IEC 60751 in the range -30+180°C
Housing dimensions	66x59x38mm
Housing material	PA 6 15% GK
Protection class	IP65
Probe diameter	6mm
Nominal length	150mm
Process connection	stop flange

Marking, connections

Sensor 1x Pt1000	
3-wire connection	
2-wire connection	

Mounting accessories and connecting cables are in other catalog cards and on the website.

GÜNTHER GmbH

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