

## 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 mounted sensor
- Sensor for contact pipe mounting

### Technical specifications

Sensor	1x Pt100
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



### Description

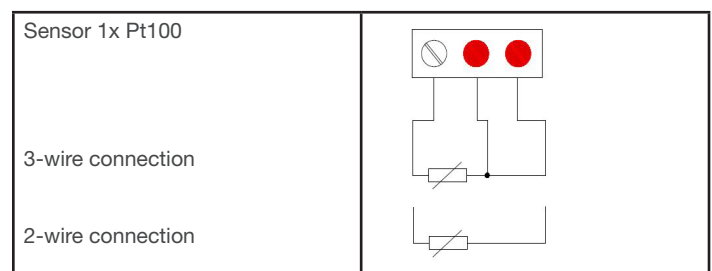
Type	64-23460301-0150.SF01
Article number	19047949

Duct mounted resistance thermometer 1xPt100 with plastic housing.  
Stop flange for installation.

### Characteristic

Temperature [°C]	Resistance [Ω]	Temperature [°C]	Resistance [Ω]
-50	80,31	25	109,73
-20	92,16	50	119,40
-10	96,09	100	138,51
0	100,00	180	168,48

### Marking, connections



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

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