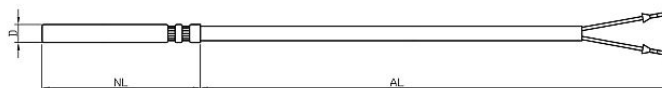# Resistance thermometer with connecting cable

Series 72-KFW

72-KFW is a series of resistance thermometers with a metal protecion tube and cable with free ends or terminated by electrical connector according to individual arrangements (socket, plug).

The metal cover protects the measuring sensor from direct contact with the medium and enables proper positioning and installation of the probe.

Description

Type	72-23304001-0150.0100.GGP
Article number	13005552

Resistance thermometer with metal protection tube and fiberglass insulated connecting cable. The measuring insert is made on the basis of a Pt100 resistance sensor with characteristics to EN 60751. The cable is ended with ferrules.
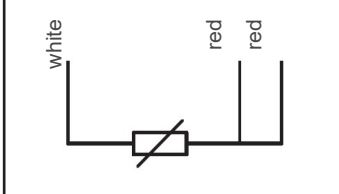
Characteristic

Temperature [°C]	Resistance [Ω]	Temperature [°C]	Resistance [Ω]
0	100,00	100	138,51
10	103,90	150	157,33
20	107,79	200	175,86
25	109,73	300	212,05
50	119,40	400	247,09

Technical specifications

Sensor	1x Pt100
Connection circuit	3-wire
Measuring range	0...+400°C
Accuracy	class A acc. to IEC 60751 in the range 0...+300°C
Nominal length NL	100mm
Diameter D	8mm
Protection tube material	stainless steel
Cable length AL	1500mm
Cable insulation	fiberglass / metal braid
Cable termination	ferrules

Marking

Color coding of wires according to IEC 60751 white red red	

Mounting accessories, screw fittings, flanges, mounting tubes are included in other catalog cards and on the website.

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