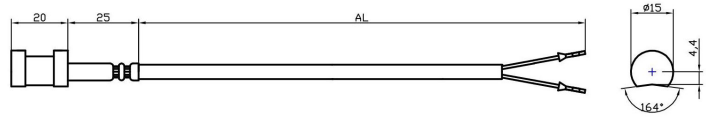


Resistance thermometer with cable and surface element

Series 72-KFW

72-KFW is a series of resistance thermometers with a metal protection 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	72-22704701-0300.TM
Article number	18037143

Resistance thermometer with aluminum surface element with prism and connecting cable in silicone insulation. The measuring insert is made on the basis of a Pt100 resistance sensor with characteristics according to EN 60751. The cable is terminated with ferrules.

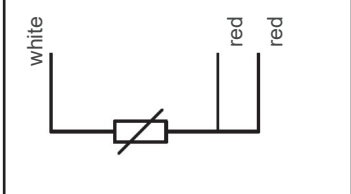
Characteristic

Temperature [°C]	Resistance [Ω]	Temperature [°C]	Resistance [Ω]
-50	80,31	30	111,67
0	100,00	50	119,40
10	103,90	75	128,99
20	107,79	100	138,51
25	109,73	150	157,33

Technical specifications

Sensor	1x Pt100
Connection circuit	3-wire
Measuring range	-50...+150°C
Accuracy	IEC 60751, class B
Surface element	φ 15 x 20mm
Max. mounting band width	10mm
Material	aluminum
Cable length AL	3000mm
Cable insulation	teflon / silicone
Cable ambient temperature	max. +180°C
Cable termination	ferrules
Mounting band	length 900mm

Marking

Color coding of wires according to IEC 60751 white red red	
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Mounting accessories, screw fittings, flanges, protection tubes are in other catalog cards and on the website.