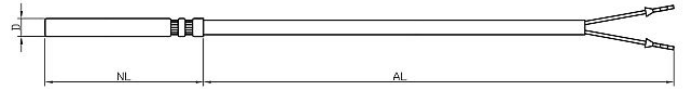


## Temperature sensor with cable

### Series 72-KFW

The 72-KFW series sensors are made with a metal protection tube of the sensor and with connecting cable. The cable is ended with free ends or ferrules or connector (plug or socket) according to individual agreements. The metal cover protects the measuring sensor from direct contact with the medium and enables proper positioning and installation of the probe.



#### Description

Type	72-21304702-0300.0050.TM
Article number	180037138

Temperature sensor with metal protection tube and silicone insulated connecting cable. The measuring insert is made on the basis of the sensor KTY81-210. The cable is ended with ferrules.

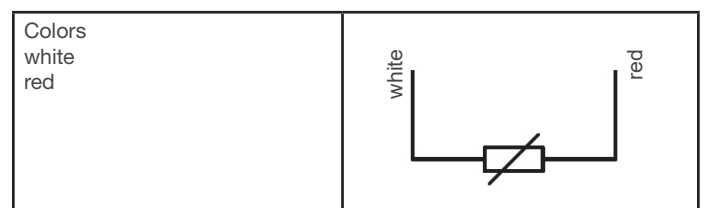
#### Characteristic

Temperature °C	Resistance $\Omega$		
	min	typ	max
-50	1000	1030	1059
0	1603	1630	1656
25	1980	2000	2020
50	2383	2417	2451
100	3318	3392	3466
150	4153	4280	4407

#### Technical parameters

Sensor	1x KTY81-210
Measuring range	-50...+150°C
Accuracy at temp. +25°C	R: 1980...2000...2020 $\Omega$ $\pm 1.27^\circ\text{C}$
Nominal length NL	50mm
Diameter D	6mm
Protection tube material	stainless steel
Cable length AL	3000mm
Cable insulation	silicone
Cable ambient temperature	max + 180°C
Cable ends	ferrules

#### Color marking of wires



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