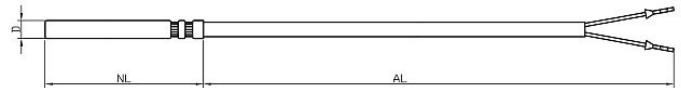


Temperature sensor with cable

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.

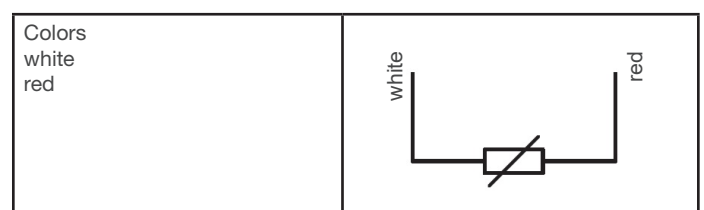
Characteristic

| Temperature °C | Resistance Ω | | |
|-------------------|---------------------|------|------|
| | 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 Ω $\pm 1.27^\circ\text{C}$ |
| 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.

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