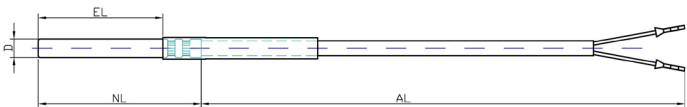


Resistance thermometer with connecting cable

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           | 72-11301036-0150.0050 |
| Article number | 12000056              |

Resistance thermometer with metal protection tube and PFA 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.

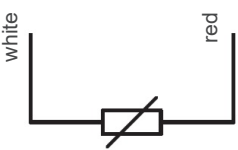
Characteristic

| Temperature [°C] | Resistance [Ω] | Temperature [°C] | Resistance [Ω] |
|------------------|----------------|------------------|----------------|
| -50              | 80,31          | 50               | 119,40         |
| 0                | 100,00         | 100              | 138,51         |
| 10               | 103,90         | 150              | 157,33         |
| 20               | 107,79         | 200              | 175,86         |
| 25               | 109,73         | 250              | 194,10         |

Technical specifications

|                          |                           |
|--------------------------|---------------------------|
| Element pomiarowy        | 1x Pt100                  |
| Connection circuit       | 2-wire                    |
| Measuring range          | -50...+250°C              |
| Accuracy                 | class B acc. to IEC 60751 |
| Nominal length NL        | 50mm                      |
| Installation length EL   | 40mm                      |
| Diameter D               | 6mm                       |
| Protection tube diameter | stainless steel           |
| Cable length AL          | 1500mm                    |
| Cable insulation         | PFA / PFA                 |
| Cable termination        | ferrules                  |

Marking

|                                                              |                                                                                       |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Color coding of wires according to IEC 60751<br>white<br>red |  |
|--------------------------------------------------------------|---------------------------------------------------------------------------------------|

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