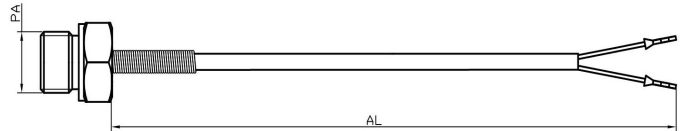


## Resistance thermometer with thread

### 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           | 72-22404001-0300.MF20.TM |
| Article number | 16019821                 |

Resistance thermometer with M20x1.5 thread and silicone insulated connection 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.

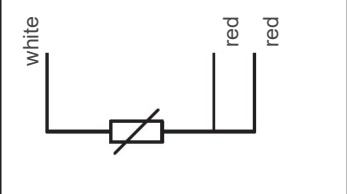
#### Characteristic

| Temperature [°C] | Resistance [Ω] | Temperature [°C] | Resistance [Ω] |
|------------------|----------------|------------------|----------------|
| -20              | 92,16          | 50               | 119,40         |
| 0                | 100,00         | 100              | 138,51         |
| 10               | 103,90         | 125              | 147,95         |
| 20               | 107,79         | 150              | 157,33         |
| 25               | 109,73         | 180              | 168,48         |

#### Technical specifications

|                           |                    |
|---------------------------|--------------------|
| Sensor                    | 1x Pt100           |
| Connection circuit        | 3-wire             |
| Measuring range           | -20...+180°C       |
| Accuracy                  | IEC 60751, class B |
| Process connection        | thread M20x1,5     |
| Material                  | Stainless steel    |
| Cable length AL           | 3000mm             |
| Cable insulation          | Teflon / silicone  |
| Cable ambient temperature | max. +180°C        |
| Cable termination         | ferrules           |

#### Marking

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

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