

## Straight thermocouple with cable

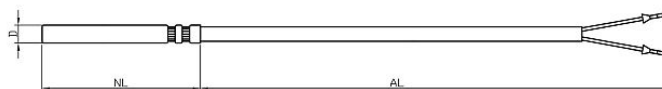
### Series 7X-KFT

7X-KFT is a series of thermocouple probes with a metal protection tube and thermocouple cable with free ends or terminated by electrical connector according to individual arrangements (socket, plug).

The metal cover protects the measuring hot-junction from direct contact with the medium and enables proper positioning and installation of the probe.

The 7X-KFT series includes the following constructions:

- 7A thermocouple with a straight metal protection tube
- 7B thermocouple with angular metal protection tube
- 7C thermocouple with flange or mounting plate
- 7D thermocouple with threaded connection
- 7E thermocouple with loose threaded connection
- 7F thermocouple with threaded protection tube
- 7G angle thermocouple with threaded connection
- 7K thermocouple with ring terminal
- 7L thermocouple with a metal cube
- 7M thermocouple with a magnet
- 7P thermocouple with mounting plate
- 7S surface thermocouple for clamping band



| Description    |                           |
|----------------|---------------------------|
| Type           | 7A-15116030-0300.050.Z000 |
| Article number | 19047374                  |

Thermocouple 1x Fe-CuNi / J with metal protection tube and fiberglass insulated cable with external metal braid. Insulated measuring hot-junction placed in a metal cover with a diameter of 6mm. The wires of the cable are colored in accordance with the IEC 60584 standard.

### Technical parameters

|                           |                           |
|---------------------------|---------------------------|
| Thermocouple              | 1x Fe-CuNi / J            |
| Thermocouple hot junction | insulated                 |
| Measuring range           | 0...+400°C                |
| Accuracy                  | class 1 acc. to IEC 60584 |
| Nominal length NL         | 50mm                      |
| Diameter D                | 6mm                       |
| Protection tube material  | stainless steel           |
| Cable length AL           | 3000mm                    |
| Cable insulation          | fiberglass / metal braid  |
| Cable ambient temperature | 0...+ 400°C               |
| Cable termination         | free ends 50mm            |

### Marking

|                                    |  |
|------------------------------------|--|
| Wire markings<br>acc. to IEC 60584 |  |
|------------------------------------|--|

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