

# water proof, hermetically sealed temperature probes for use in corrosive environments and tight places

## Advantages:

- highly resilient to chemicals and oils
- sealed against moisture and corrosion
- easily cleaned and sterilised
- food safe
- small size provides a fast response
- also available in custom lengths
- optionally with mechanical protection (V4A-sleeve) and with thread or clamping ring screw connection available.

## Design type Pt100

**TF101P-1m** Pt100, cable length 1 m

**TF101P-2m** Pt100, cable length 2 m

**TF101P-3m** Pt100, cable length 3 m

- flexible sealed PFA Pt100 sensor
- 4-wire-connection (4 x 0.14 mm<sup>2</sup>, nickel-plated copper)
- nominal diameter: 2.1 mm
- accuracy according to DIN class A
- temperature range: -60 ... +250 °C
- also available with Pt1000

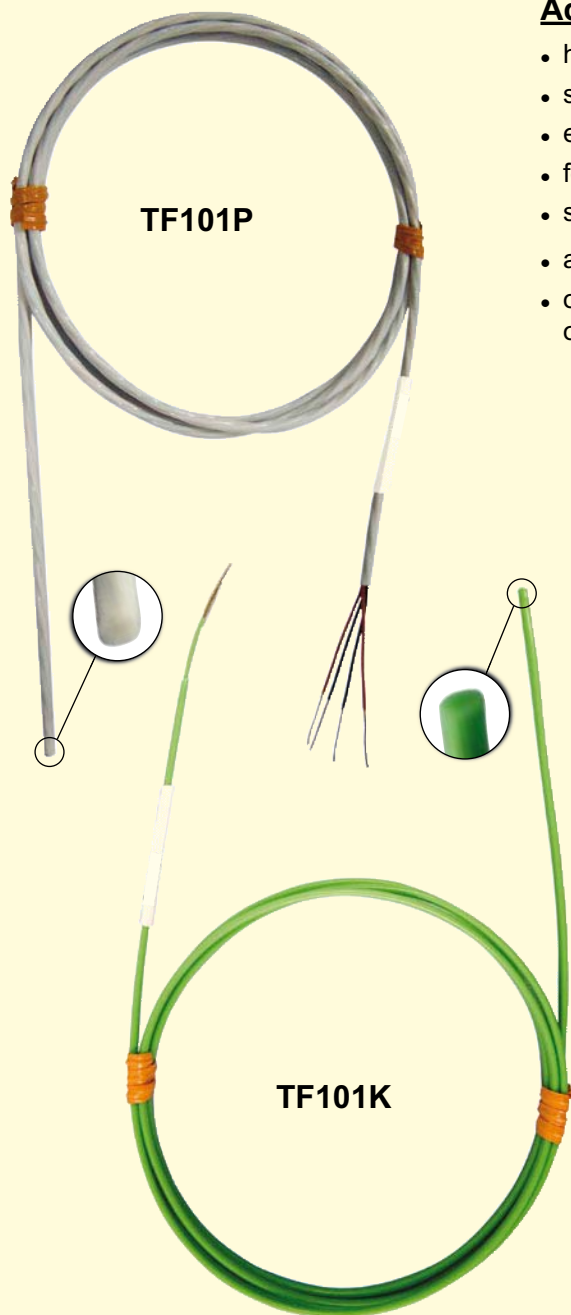
## Design type NiCr-Ni (type K)

**TF101K-1m** NiCr-Ni, cable length 1 m

**TF101K-2m** NiCr-Ni, cable length 2 m

**TF101K-3m** NiCr-Ni, cable length 3 m

- These PFA insulated thermocouple wire sensors are hermetically seal-welded at the sensor tip to provide continuous PFA protection over the measurement junction.
- stranded NiCr-Ni-thermocouple wire (0.14 mm<sup>2</sup>)
- nominal cross section: 1.6 mm x 2.5 mm
- rated to +250 °C
- IP68 seal-welded tip
- electrically-insulated junction
- also available with thermocouples type J, T and E



## Average temperature probe

**MWF 100** Pt100 (2-, 3- or 4-wire)

*price up on request*

### General description

The bendable average temperature probes are measuring the average temperature over the whole length of the probe and not like the standard probes only on the sensor tip.

There are short probe length of a little centimetres as well as length of any metres (e.g. 30 m) feasible.

Application area: Measuring of the average value at long heating or cooling elements, air ducts etc.

*Tell us your requested application.*

*We will offer you the an individual sensor construction !*