

STERILIZABLE, HERMETICALLY SEALED WATER PROOF TEMPERATURE PROBES



HIGHLIGHTS:

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

**TF 101 P-L01**

Art. no. 601687  
Design type Pt100, cable length 1 m

**TF 101 P-L02**

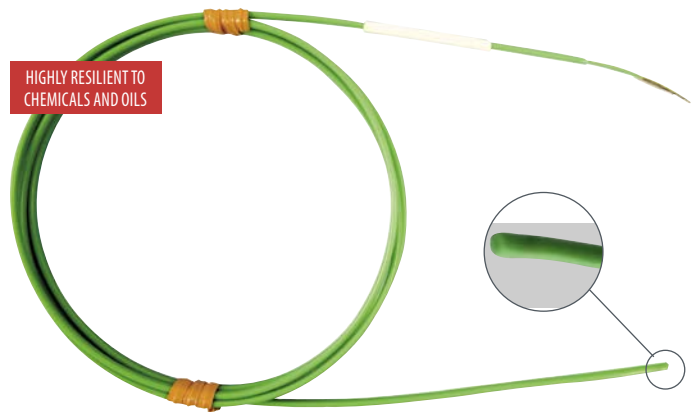
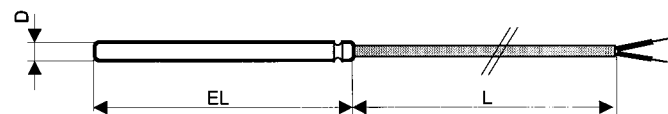
Art. no. 601689  
Design type Pt100, cable length 2 m

**TF 101 P-L03**

Art. no. 601691  
Design type Pt100, cable length 3 m

Specifications:	
<b>Probe:</b>	flexible sealed PFA Pt100 sensor
<b>Connection:</b>	4-wire-connection (4 x 0.14 mm <sup>2</sup> , nickel-plated copper)
<b>Nominal diameter:</b>	3 mm
<b>Accuracy:</b>	according to DIN class A
<b>Measuring ranges:</b>	-60 ... +250 °C
<b>Response time:</b>	water 0.4 m/s approx. 8 s IP68 seal-welded tip also available with Pt1000

Variants:	
<b>TF 101 P-L01-V4A</b>	Art. no. 605092 Robust design type with robust V4A protective tube Ø 4 mm, EL = 50 mm Not possible at type K!
<b>TF 101 P-L02-V4A</b>	Art. no. 602761 Robust design type with robust V4A protective tube Ø 4 mm, EL = 50 mm Not possible at type K!
<b>TF 101 P-L03-V4A</b>	Art. no. 604563 Robust design type with robust V4A protective tube Ø 4 mm, EL = 50 mm Not possible at type K!



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**TF 101 K-L01**

Art. no. 601820  
Design type K (NiCr-Ni), cable length 1 m

**TF 101 K-L02**

Art. no. 601798  
Design type K (NiCr-Ni), cable length 2 m

**TF 101 K-L03**

Art. no. 601797  
Design type K (NiCr-Ni), cable length 3 m

Specifications:	
<b>Probe:</b>	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> )
<b>Nominal cross section:</b>	1.6 mm x 2.5 mm
<b>Measuring ranges:</b>	-270 ... +250 °C
<b>Response time:</b>	water 0.4 m/s approx. 8 s IP68 seal-welded tip electrically-insulated junction also available with thermocouples type J, T and E

FOR USE IN AGGRESSIVE ENVIRONMENTS AND TIGHT PLACES