

Compact plug on insertion probe,

Pt1000

- Compact direct plug on probe
- Rigid insertion type Ø 3mm, or needle type Ø 1.5 mm
- Very fast!
- Pt1000 platinum probe for 2-wire instruments (e.g. ECO 120, with BNC-T-input)



DESCRIPTION

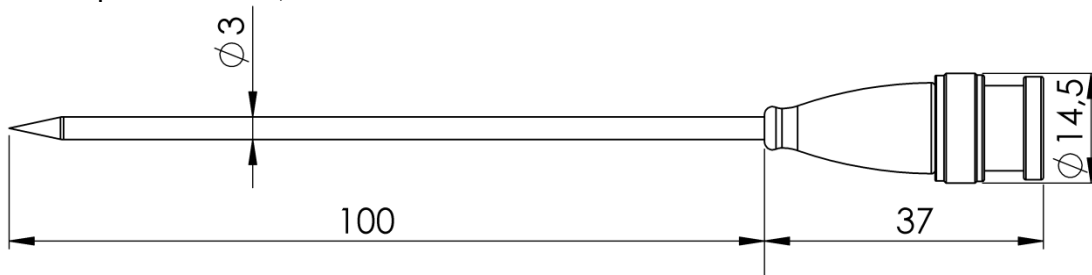
GF 2T Pt1000 – insertion probes are designed for use soft materials and in gases or liquids.

The probe is made of stainless steel, which is suitable for continuous food contact.

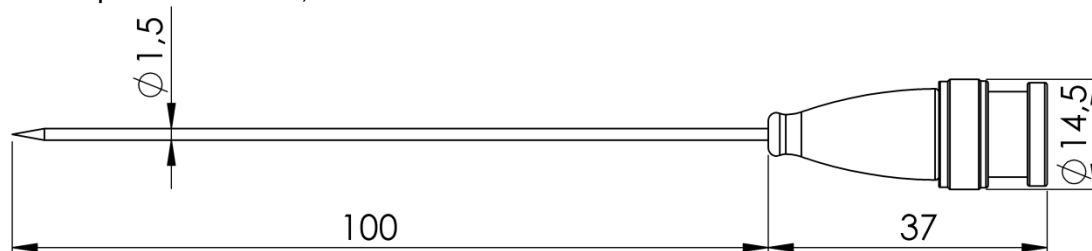
The Plug On Design allows one hand usage of instrument, ECO line as standard meter can turn Display – so that instrument can be used and read with probe pointing up or down- according to You're preference.

Mechanical design / dimensions:

Insertion probe Ø 3 mm, BNC-connector



Insertion probe Ø 1.5 mm, BNC-connector



TECHNICAL SPECIFICATION

Sensor element:	Pt1000 2-wire
Measuring range:	-70 ... +250 °C (probe tip)
Sensor sheath:	1.4404 (V4A)
Cable:	without cable
Connector:	BNC-connector with EPDM grommet up to +75 °C
Response time T ₉₀ :	Ø 3 mm: water 0.4 m/s < 2 s, air 2 m/s approx. 40 s Ø 1.5 mm: water 0.4 m/s < 1 s, air 2 m/s approx. 12 s
Protection class:	IP67 including BNC-connector when plugged in

Accuracy (derived from EN 60751):

class	Tolerance values	Temperature range of validity
B	± 0.3 °C ±0.5 %	-50 ... +250 °C
A	± 0.15 °C ±0.2 %	-30 ... +250 °C
AA	± 0.1 °C ±0.17 %	0 ... 150 °C

Directives and standards:

The handle-probe confirm to following European Directives:

2011/65/EU RoHS

Applied harmonized standards:

EN IEC 63000:2018

NOTES



For Insertion probe the risk of puncture injuries is caused by the pointed sensor design



To avoid electrical shock, do not use this probe when voltages exceeding 24 V ac rms or 60 V dc are present. The probe tip is electrically connected to the output terminals.

DANGER



The sensor sheath of the handle-probe from the tip up to 1 cm before the plug is designed for continuous contact with foodstuffs in accordance with Regulation (EC) 1935/2004. Handle, cable + connectors are not designed for permanent food contact.