

# Configurable penetration probes with flat cable

Variable cable length  
and high accuracy

---

Cable lengths between 0.3 and 29.5 m available

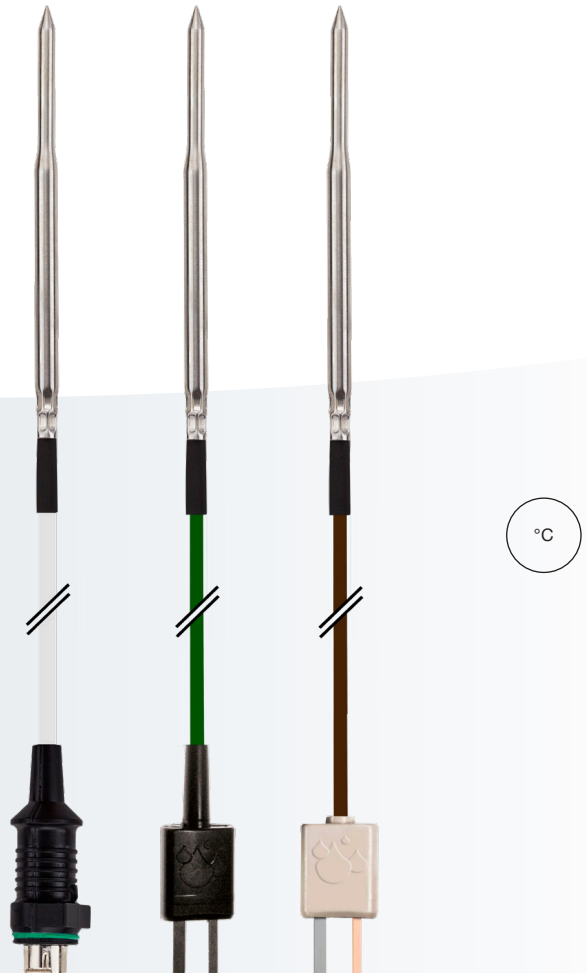
---

Selection of cable length in configurator

---

Precise measurement with thermocouple type T

---







Based on the proven penetration temperature probes, customer requirements can be fulfilled even better now. For all available sensor types (NTC, Pt100, thermocouple) cable lengths up to 29.5 m can be selected in a configurator. Additionally, we introduce a more precise thermocouple probe with an accuracy of  $\pm 0.5$  °C (type T, class 1).

The probes can be used with the monitoring system testo Saveris Pharma, portable instruments like testo 735 and data loggers like testo 175/176 depending on their specific connection/sensor types.

On individual request, we can also produce these probes in further customized versions:

- with individualized sleeve (length, diameter, form etc.)
- with open wire ends
- or fully adapted to your specific application.

				
<b>Order number</b>	<b>Configurable penetration probe (NTC) 870572 1001</b>	<b>Configurable penetration probe (Pt100) 870572 7001</b>	<b>Configurable penetration probe (TC type K) 870572 9001</b>	<b>Precise penetration probe (TC type T) 8711 0027</b>
Sensor type	NTC	Pt100	TE Typ K	TE Typ T
Measuring range	-40 to +125 °C	-85 to +150 °C	-40 to +220°C	-40 to +250°C
Accuracy	±0.2 °C (-25 to +80 °C) ±0.005 *  T  (> +100 °C) ±0.4 °C (remain. measuring range)	±(0.15 + 0.002 *  T ) °C (Class A)	±1.5 °C (Class 1)	±0.5 °C (Class 1)
t <sub>90</sub> (in moving liquid)	6 s	20 s	4 s	4 s
<b>Probe sleeve</b>				
- Length	90 mm			
- Diameter	5 mm, tapered to 3.6 mm			
<b>Cable</b>				
- Length	configurable between 0.3 m and 29.5 m			2 m
- Diameter	1,2 x 3.8 mm		1.5 x 2.4 mm	1.2 x 2.0 mm
Protection class	IP 54			
Connector	mini-DIN plug		mini-TC plug type K	mini-TC plug type T

Are you looking for a probe which fulfills your individual requirements?  
Contact us: [vertrieb@testo.de](mailto:vertrieb@testo.de)

Testo SE & Co. KGaA  
Celsiusstrasse 2, 79822 Titisee-Neustadt, Germany  
Phone +49 7653 681-700  
Fax +49 7653 681-701  
[vertrieb@testo.de](mailto:vertrieb@testo.de)