

External temperature and humidity probes

Probe type	Dimensions Probe shaft/probe shaft tip	Measuring range	Accuracy	t ₉₉	Part no.
Pt100					
<ul style="list-style-type: none"> Robust, Pt100 stainless steel food probe (IP65) 	<p>125 mm Ø 4 mm 15 mm Ø 3 mm</p> <p>Connection: Fixed cable</p>	-50 to +400 °C	Class A (-50 to +300 °C), Class B (remaining range)	10 s	0609 2272
<ul style="list-style-type: none"> Penetration probe Pt100 with ribbon cable, cable length 2 m, IP 54 	<p>60 mm Ø 5 mm 30 mm Ø 3.6 mm</p>	-85 to +150 °C	Class A	35 s	0572 7001
<ul style="list-style-type: none"> Penetration probe Pt100 with ribbon cable, cable length 4 m, IP 54 	<p>60 mm Ø 5 mm 30 mm Ø 3.6 mm</p>	-200 to +200 °C	Class A	35 s	0572 9999 ID no. 0699 7175/1
Connection cable for unlimited Pt100 stationary probes (4-wire technology), Cable length: 3 m possible max. cable length: 20 m					0554 0213
TC					
<ul style="list-style-type: none"> Stationary probe with stainless steel sleeve, TC Type K 	<p>40 mm Ø 6 mm</p> <p>Connection: Fixed cable 1.9 m</p>	-50 to +205 °C	Class 2*	20 s	0628 7533
<ul style="list-style-type: none"> Penetration probe TC with ribbon cable, Type K, cable length 2 m, IP 54 	<p>60 mm Ø 5 mm 30 mm Ø 3.6 mm</p>	-40 to +220 °C	Class 1	7 s	0572 9001
<ul style="list-style-type: none"> Magnetic probe, adhesive force approx. 20 N, with magnets, for measurements on metal surfaces, TC Type K 	<p>35 mm Ø 20 mm</p> <p>Connection: Fixed cable</p>	-50 to +170 °C	Class 2*	150 s	0602 4792
<ul style="list-style-type: none"> Magnetic probe, adhesive force approx. 10 N, with magnets, for higher temp., for measurements on metal surfaces, TC Type K 	<p>75 mm Ø 21 mm</p> <p>Connection: Fixed cable 1.6 m</p>	-50 to +400 °C	Class 2*		0602 4892
<ul style="list-style-type: none"> Pipe wrap probe for pipe diameter 5 to 65 mm, with exchangeable measuring head. Meas. range short-term up to +280 °C, TC Type K 	<p>Connection: Fixed cable 1.2 m</p>	-60 to +130 °C	Class 2*	5 s	0602 4592
<ul style="list-style-type: none"> Pipe wrap probe with velcro strip; for temperature measurement on pipes with diameter up to max. 120 mm; Tmax. +120 °C; TC Type K 	<p>395 mm 20 mm</p> <p>Connection: Fixed cable 1.5 m</p>	-50 to +120 °C	Class 1*	90 s	0628 0020
<ul style="list-style-type: none"> Thermocouple with TC adapter, flexible, 800 mm long, fibre glass, TC Type K 	<p>800 mm Ø 1.5 mm</p>	-50 to +400 °C	Class 2*	5 s	0602 0644
<ul style="list-style-type: none"> Thermocouple with TC adapter, flexible, length 1500 mm, fibreglass, TC Type K 	<p>1500 mm Ø 1.5 mm</p>	-50 to +400 °C	Class 2*	5 s	0602 0645
<ul style="list-style-type: none"> Thermocouple with TC adapter, flexible, 1500 mm long, PTFE, TC Type K 	<p>1500 mm Ø 1.5 mm</p>	-50 to +250 °C	Class 2*	5 s	0602 0646
<ul style="list-style-type: none"> Immersion tip, flexible, TC Type K 	<p>500 mm Ø 1.5 mm</p>	-200 to +1000 °C	Class 1*	5 s	0602 5792
<ul style="list-style-type: none"> Immersion measurement tip, flexible, for measurements in air/exhaust gases (not suitable for measurements in smelters), TC Type K 	<p>1000 mm Ø 3 mm</p>	-200 to +1300 °C	Class 1*	4 s	0602 5693

*The specified accuracy class of the testo Saveris radio and Ethernet probe is achieved using these external probes.

*According to standard EN 60584-2, the accuracy of Class 1 refers to -40 to +1000 °C (Type K), Class 2 to -40 to +1200 °C (Type K), Class 3 to -200 to +40 °C (Type K).