



## Suitable probes at a glance, testo 735

Immers./penetr. probes	Illustration	Meas. range	Accuracy	t <sub>99</sub>	Part no.
Highly accurate Pt100 immersion/penetration probe incl. calibration protocol (test points 0 °C and	295 mm Ø 4 mm	-40 to +300 °C	±0.05 °C (+0.01 to +100 °C) ±(0.05 °C + 0.05% of mv) (remaining range)	60 s	0614 0235 <b>Conn.:</b> Fixed cable
Robust, waterproof Pt100 immersion/penetration probe	114 mm Ø 5 mm 50 mm Ø 3.7 mm	-50 to +400 °C	Class A (-50 to +300 °C), Class B (remaining range)	12 s	0609 1273
Efficient and fast-action immersion probe, waterproof, TC Type K	300 mm Ø 1.5 mm	-60 to +1000 °C	Class 1	2 s	0602 0593 <b>Conn.:</b> Fixed cable, 1.2 m
Immersion tip, flexible, TC Type K	500 mm Ø 1.5 mm	-200 to +1000 °C	Class 1	5 s	0602 5792
Immersion measurement tip, flexible, for measurements in air/exhaust gases (not suitable for measurements in smelters), TC Type K	1000 mm Ø 3 mm	-200 to +1300 °C	Class 1	4 s	0602 5693
Flexible, low-mass immersion measurement tip, ideal for measurements in small volumes such as petri dishes, or for surface measurements (e.g. attached with adhesive tape), TC Type K	500 mm Ø 0.25 mm	-200 to +1000 °C	Class 1 <b>Conn.:</b> 2 m, FEP insulated thermal wire, temperature proof up to 200 °C, oval wire with dimensions: 2.2 mm x 1.4 mm	1 s	0602 0493
Robust, Pt100 stainless steel food probe (IP65)	125 mm Ø 4 mm 15 mm Ø 3 mm	-50 to +400 °C	Class A (-50 to +300 °C), Class B (remaining range)	10 s	0609 2272 <b>Conn.:</b> Fixed cable
Thermocouples	Illustration	Meas. range	Accuracy	t <sub>99</sub>	Part no.
Thermocouple with TC adapter, flexible, 800mm long, fibre glass, TC Type K	Ø 1.5 mm	-50 to +400 °C	Class 2	5 s	0602 0644
Thermocouple with TC adapter, flexible, 1500mm long, fibre glass, TC Type K		-50 to +400 °C	Class 2	5 s	0602 0645
Thermocouple with TC adapter, flexible, 1500mm long, PTFE, TC Type K		-50 to +250 °C	Class 2	5 s	0602 0646

### Radio module for upgrading measuring instrument with radio option

Country versions	Radio freq.	Part no.
Radio module for measuring instrument, 869.85 MHz, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO	869.85 MHz FSK	0554 0188
Radio module for measuring instrument, 915.00 MHz FSK, approval for USA, CA, CL	915.00 MHz FSK	0554 0190

### Radio probes for immersion/penetration measurements

Radio immersion/penetration probes	Meas. range	Accuracy	Resolution	t <sub>99</sub>
Radio immersion/penetration probe, NTC  105 mm 30 mm Ø 0.5 mm Ø 3.4 mm	-50 to +275 °C	±0.5 °C (-20 to +80 °C) ±0.8 °C (-50 to -20.1 °C) ±0.8 °C (+80.1 to +200 °C) ±1.5 °C (remaining range)	0.1 °C	t <sub>99</sub> (in water) 12 s
Country versions	Radio freq.	Part no.		
Radio immersion/penetration probe, NTC, approval for the countries: DE, FR, UK, BE, NL, ES, IT, SE, AT, DK, FI, HU, CZ, PL, GR, CH, PT, SI, MT, CY, SK, LU, EE, LT, IE, LV, NO	869.85 MHz FSK	0613 1001		
Radio immersion/penetration probe, NTC, approval for USA, CA, CL	915.00 MHz FSK	0613 1002		