





















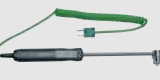





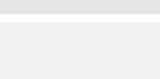





Temperature probes

K thermocouple sensors

Model	Model	Description	Type / Application	Meas. range	Tolerance class	Response time at 63%	Plunger diameter	Plunger length	Ref.
	 SKF1	K-type thermocouple probe with exposed hot junction. Do not use in liquids (non-waterproof tip).	Wired probe	-50°C to 350°C	Cl.2	1 s	1,2 mm	1 m	P03652930
	 SK20	Sheathed sensor as per NF EN 61615. Hot junction insulated from the earth. Inconel 600 protective sheath.	Flexible general-purpose sensor	-40 °C to 450 °C	Cl. 1	1 s	1,5 mm	1 m	P01655010
	 SK6	All-purpose sensor recommended for measuring points that are difficult to access. Do not use in liquids (non-waterproof tip)	Flexible sensor	-50 °C to 285 °C	Cl. 2	1 s by contact	1 mm	1 m	P03652906
	 SK2	Stainless steel sheathed sensor, can be bent as required Radius of curvature > 4 mm	Bendable general-purpose sensor	-50 °C to 1000 °C	Cl. 2	3 s in ambient environment	2 mm	1 m	P03652902
	 SK3	Stainless steel sheathed sensor, slightly bendable	Semi-rigid general-purpose sensor	-50 °C to 1000 °C	Cl. 2	2 s	4 mm	50 cm	P03652903
	 SK13	Stainless steel sheathed sensor	General-purpose sensor	-50 °C to 1100 °C	Cl. 2	6 s	3 mm	30 cm	P03652918
	 SK7	In a 'calm' environment without air movement, shake the sensor to promote heat exchange	Air sensor for measuring ambient conditions	-50 °C to 250 °C	Cl. 2	12 s	5 mm	15 cm	P03652907
	 SK17	In a 'calm' environment without air movement, shake the sensor to promote heat exchange	Air sensor for measuring ambient conditions	-50 °C to 600 °C	Cl. 2	5 s	6 mm	13 cm	P03652921
	 SK1	Stainless steel sheathed sensor for penetration (min. 20 mm) in pasty, viscous or liquid media	Needle sensor for penetration	-50 °C to 800 °C	Cl. 2	1 s	3 mm	15 cm	P03652901
	 SK11	Stainless steel sheathed sensor for penetration (min. 20 mm) in pasty, viscous or liquid media	Needle sensor for penetration	50 °C to 600 °C	Cl. 2	12 s	3 mm	13 cm	P03652917
	 SK4	Sheathed sensor with stainless steel sensing element and Teflon base. For small flat surfaces. The use of silicone grease improves the quality of the contact	Surface sensor	0°C to 250°C	Cl. 2	1 s	5 mm	15 cm	P03652904
	 SK14	For surface temperatures that are difficult to access	Elbowed surface sensor	-50°C to 450°C	Cl. 2	8 s	6 mm	13 cm	P03652919
	 SK5	For flat surfaces. The spring ensures optimal contact even if the sensor is not placed perpendicularly. The use of silicone grease improves the quality of the contact	Surface sensor with spring	-50°C to 500°C	Cl. 2	1 s	5 mm Ø au contact 8,5 mm	15 cm	P03652905
	 SK15	For flat surfaces. The spring ensures optimum contact even if the sensor is not placed perpendicularly. Use of silicone grease improves the quality of the contact	Surface sensor with spring	-50°C to 900°C	Cl. 2	2 s	8 mm	13 cm	P03652920
	 SK8	For measurements on pipes. The copper foil is applied to the dry, clean pipe, with the double-sided Velcro tape ensuring contact by winding	Pipe sensor	-50°C to 140°C	Cl. 2	10 seconds on stainless steel pipe 12 mm in diameter	Ø 10-90 mm	32 cm	P03652908
	 SK19	Sensor with magnet for flat metal surfaces	Magnetic sensor	-50°C to 200°C	Cl. 2	7 s	4 mm	1 m	P03652922

Thermocouple extensions

	Description	Ø	Length
CK 1	Terminated by male plug / female plug	4 mm	1 m
CK 2	Terminated by male plug / 2 stripped wires	4 mm	1 m
CK 3	Terminated by DIN 5-pin plug / female socket	4 mm	1 m
CK 4	Terminated by 2 banana plugs / female socket	4 mm	1 m

Extension temperature withstand: -40°C to +100°C



CK 3 CK 2 CK 1 CK 4

REFERENCES TO ORDER






CK 1	P03652909
CK 2	P03652910
CK 3	P03652913
CK 4	P03652914

ACCESSORIES / REPLACEMENT PARTS

PP1 handle for CK extensions	P03652912
Miniature 2-pole male connector, compensated	P03652925

Pt 100 Ω temperature sensors

PT 100 Ω TEMPERATURE SENSORS

Model	Model	Type / Application	Description	Meas. range	Tolerance class	Response time at 63%	Plunger diameter	Plunger length	Ref.
	SP 10	Surface sensor with spring	For flat surfaces. The spring ensures optimum contact even if the sensor is not placed perpendicularly. Use of silicone grease improves the quality of the contact	-50 °C to 200 °C	Cl. B	6 s	5 mm	13 cm	P03652712
	SP 11	Needle sensor for penetration	Sensor for penetration (minimum 20 mm) in pasty, viscous or liquid media	-100 °C to 600 °C	Cl. B	7 s	3 mm	13 cm	P03652713
	SP 12	Air sensor	In a 'calm' environment without air movement, shake the sensor to promote heat exchange	-100 °C to 600 °C	Cl. B	5 s	5 mm	13 cm	P03652714
	SP 13	Sensor for submersion	Stainless steel sheathed sensor specially designed for liquids	-100 °C to 600 °C	Cl. B	7 s	3 mm	13 cm	P03652715
	SP 14	General-purpose sensor	316 L stainless steel sensor for general use	-100 °C to 450 °C	Cl. A	7 s	3 mm	20 cm	P01655020

Accuracy class A / $0.15\text{ °C} + 0.002 \times T\text{ °C}$
 Accuracy class B / $0.3\text{ °C} + 0.005 \times T\text{ °C}$
 Miniature flat-pin connector, 3 poles
 Spiral cable from 45 cm to 1 m