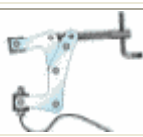
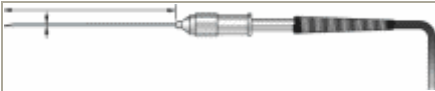


Technical data probes type K				
Probe Type : K type thermocouple Accuracy : Class I Premium grade Handle : ABS, 110 mm long, 90°C max. Shaft : Stainless steel Cable : 1000 mm standard. Coiled polyurethan cable for probes with a handle. Plug : K type miniature thermocouple plug				
Model	Surface Probes		Response time	Max. temp. at tip
80100	Magnetic surface probe Measures surface temperature of ferrous materials, Ø 14mm.		7 sec.	220°C 428°F
80103	Heavy duty right angle surface probe Springloaded measuring disk, shaft 130 mm h=24 mm, Ø 8mm.		8 sec.	450°C 842°F
80103a	Heavy duty right angle surface probe Springloaded measuring disk, shaft 300 mm h=24 mm, Ø 8mm.		8 sec.	450°C 842°F
80109	Pipe clamp probe Measures pipe surface temperature, Ø 35 mm max		8 sec.	200°C 392°F
80110	High temperature surface probe Ceramic springloaded tip, fast response spring type junction.		2 sec.	900°C 1652°F
80110A	High temperature surface probe Right angle measuring head as 80110, shaft 130 mm h=50 mm, Ø 8mm.		2 sec.	900°C 1652°F
80101	Surface probe Designed with a springloaded measuring disk, shaft 130 mm.		2 sec.	450°C 842°F
80102A	Electrical insulated surface probe Prevents short circuiting by the shaft, shaft 130 mm.		2 sec.	200°C 392°F
80111	PTFE right angle surface probe Band type measuring tip, shaft 130 mm h=32 mm, Ø 3mm.		4 sec.	200°C 392°F
80111A	PTFE right angle surface probe Band type measuring tip, shaft 300 mm h=32 mm, Ø 3mm.		4 sec.	200°C 392°F
80117	Heavy duty surface probe For harsh environments fast response, shaft 130 mm Ø 25mm.		2 sec.	450°C 842°F
80118	Heavy duty surface probe For harsh environments fast response, shaft 130 mm Ø 25mm.		3 sec.	250°C 482°F
80118R	Rotating block type flexible band For moving or stationary surfaces, R min. 50 mm.		1 sec.	200°C 392°F
80500	Fast response springtip sensor For flat surfaces, shaft 130 mm Ø 15mm.		3 sec.	400°C 752°F
80506	Flat springblade probe 0,3 mm thick blades for surface measurement or between paper, plates etc., dimensions 40x8 mm.		5 sec.	400°C 752°F
80507	Flat Kapton insulated leaf probe Fast response flexible to curve. l=75 mm		1 sec.	300°C 572°F
80508	Hook and loop thermocouple Fastens back to back for pipe surface measurement, Ø 100 mm max.		5 sec.	100°C 212°F
80509	Self adhesive patch thermocouple PTFE impregnated fibreglass tape		2 sec.	250°C 482°F

80511	Clamp type surface probe Fits to max. 20 mm plates etc.		7 sec.	200°C 392°F
80512	Rugged magnetic surface probe To suit industrial measurements, Ø 80 x 15 mm.		12 sec.	150°C 302°F
80513	Miniature magnetic surface probe Dimensions 5 x 5 x 2 mm Twisted pair thermocouple wire PTFE insulated.		2 sec.	200°C 392°F
80514	Foundry probe with solid thermocouple pins Measures hot metal surfaces or molten metal castings, shaft 500 mm, tip 50 mm		2 sec.	1260°C 2300°F
80515	Wire mill surface probe To measure running wire in cable mill's.		2 sec.	250°C 482°F
80516	Universal bearing probe Sensortip adjustable 6..70mm can be placed in upper or lower jaw, springloaded. Sensor is replaceable		3 sec.	400°C 752°F
80521	Surface block probe for clamp mounting Shaped to suit flat round and curved surfaces, dimensions 50 x 12 mm. Silicon cable. IP 65		20 sec.	200°C 392°F
80522	Miniature bandtype surface probe For electronic parts IC's, transistors etc.		3 sec.	250°C 482°F
80530	Sturdy surface probe Fast response spring type junction, embedded in silicon. shaft 130 mm, tip 8 mm		2 sec.	300°C 572°F
80531	Sturdy surface probe Fast response spring type junction, embedded in silicon. shaft 130 mm, tip 8 mm		20 sec.	300°C 572°F
Model	General purpose probes		Response time	Max. temp. at tip
80104	Bendable probe For gas, liquids, open fire etc., shaft 130 mm, Ø 3 mm		12 sec.	1100°C 2012°F
80104A	Bendable probe For gas, liquids, open fire etc., shaft 300 mm, Ø 3 mm		12 sec.	1100°C 2012°F
80105	Bendable probe For gas, liquids, open fire etc., shaft 130 mm, Ø 1,5 mm		6 sec.	900°C 1652°F
80105A	Bendable probe For gas, liquids, open fire etc., shaft 300 mm, Ø 1,5 mm		6 sec.	900°C 1652°F
801114	Bendable probe Mini plug termination. Insulated hot junction, shaft 130 mm, Ø 3 mm		12 sec.	600°C 1112°F
801115	Bendable probe Sharp tip mini plug termination. Insulated hot junction, shaft 130 mm, Ø 3 mm		12 sec.	600°C 1112°F
Model	Needle probes		Response time	Max. temp. at tip
80106	Heavy duty penetration probe Sharp tip for easy penetration into semi solids like rubber, soil, plastic, fruit etc., shaft 130 x 3 mm.		12 sec.	600°C 1112°F
80107	Penetration probe Fast response sharp tip for easy penetration into semi solids like rubber, soil, plastic, fruit etc., shaft 130 x 1,5 mm.		6 sec.	600°C 1112°F
80119	Penetration probe Fast response sharp tip for easy penetration into semi solids like rubber, soil, plastic, fruit etc., shaft 130 x 1,5 mm.		18 sec.	200°C 392°F

80504	Hypodermic needle probe With direct cable, stiff insertion into hard semi solids, shaft 50 mm, Ø 12 mm		3 sec.	200°C 392°F
80505	Hypodermic needle probe Stiff insertion into hard semi solids, shaft 50 mm, Ø 12 mm		3 sec.	200°C 392°F
80525	Tyre probe With stiff penetration shaft to measure the tyre temperature at races etc.		3 sec.	200°C 392°F
Model	Air probes		Response time	Max. temp. at tip
80108	Air temperature probe Fast response for use in air or gas flows, shaft 130 mm, tip 6 mm		2 sec.	600°C 1112°F
80116	Air temperature probe Mini plug termination exposed hot junction, shaft 130 mm, Ø 3 mm		2 sec.	600°C 1112°F
80510	Clamp type air probe Fits to max. 20 mm.		2 sec.	200°C 392°F
Model	Wire probes		Response time	Max. temp. at tip
80120	Wire probe Glasfibre insulated, exposed junction, shaft 1000 mm, Ø 2x1 mm		1 sec.	480°C 896°F
80121	High temperature wire probe Ceramic fibre insulated Each wire 0,8 mm Exposed hot junction.		1 sec.	1430°C 2606°F
80501	Twisted wire probe Each wire 0,2 mm, PTFE insulated. Exposed hot junction, shaft 1000 mm, Ø 1,6 mm		1 sec.	250°C 482°F
80502	Wire probe Insulated hot junction, PTFE jacket. Flexible to use.		1 sec.	250°C 482°F
80503	Caddy plug wire probe PTFE insulated wire with exposed hot junction.		1 sec.	250°C 482°F
Model	Custom measurement sensors		Response time	Max. temp. at tip
80517	Chemical resistant tank probe. Stainless steel weight for straight down insertion in liquids. Length 10 meter PTFE insulated cable, plate 100x15 mm		12 sec.	250°C 482°F
80518	Caddy plug wire probe PTFE insulated wire with exposed hot junction.		30 sec.	1260°C 2300°F
80524	Bolt-on washer type sensor 8 mm hole in nickel plated brass ring.		15 sec.	200°C 392°F
80526	PFA coated probe For caustic and corrosive chemical liquids. Bendable shaft 300 mm, Ø 3 mm		12 sec.	220°C 428°F
80540	Black body probe Absorbs and measures all radiation incidents upon it, supplied incl. support.		- sec.	250°C 482°F
80570	Solder iron probe To measure soldering iron tips.		2 sec.	500°C 932°F

Model	Accessories		Response time	Max. temp. at tip
80122	Thermocouple wire 2 x 0,2 mm. each wire and overall jacket teflon FEP, shaft 1000 mm, Ø 2x0,2 mm			215°C 419°F
80516A	Spare sensor for 80516		3 sec	400°C 752°F
80518A	Spare dip element for 80518, shaft 200+1800 mm		30 sec	1260°C 2300°F
80520	Thermocouple extension cable Length 10 meter for use with all miniplug type K probes (other length available) max.85°C.		3 sec	85°C
80550	Adaptor plug mini female/ large (round pin)male			
80551	Adaptor plug mini male/ large (round pin)female			
80560	Thermal attachment pads Attaching small diameter thermocouples e.g. exposed hot junction wire probes e.g. 80122			250°C 482°F

Technical data probes type Pt100				
Probe Type		: Pt100 resistance element 3 wire system		
Accuracy		: according to IEC 751 class B		
Handle		: ABS, 110 mm long, 90°C max.		
Cable		: 1000 mm standard. Coiled polyurethan cable for probes with a handle.		
Model	Surface Probes		Response time	Max. temp. at tip
82109	Every angle surface probe Flexible tip for surface measurement, shaft 130 mm		4 sec	300°C 572°F
82509	Self adhesive bendable Pt 100 sensor Silicon patch size 35 x 13 x 2 mm fast response by use of aluminium contact foil. PTFE wires length 4 meter. Good chemical resistance.		2 sec	250°C 482°F
82521	Surface block probe for clamp mounting Shaped to suit flat round and curved surfaces, dimensions 50 x 12 mm. Silicon cable. IP 65		2 sec	200°C 392°F
Model	General purpose probes		Response time	Max. temp. at tip
82104	Bendable probe For gas, liquids, open fire etc., shaft 130 mm, Ø 3 mm		7 sec	600°C 1112°F
82525	Close-end tube probe Dim. 50 x 6 mm, PTFE insulated wires 1000 mm.		7 sec	200°C 392°F
Model	Needle probes		Response time	Max. temp. at tip
82106	Heavy duty penetration probe Sharp tip for easy penetration into semi solids like rubber, soil, plastic, fruit etc., shaft 130 mm, Ø 3 mm		7 sec	600°C 1112°F
Model	Air probes		Response time	Max. temp. at tip
82108	Air temperature probe Fast response for use in air or gas flows, shaft 130 mm, Ø 3 mm		7 sec	600°C 1112°F
Model	Custom measurement sensor		Response time	Max. temp. at tip
82526	PFA coated probe For caustic and corrosive chemical liquids, bendable shaft 300 mm, Ø 3 mm		12 sec	220°C 428°F
82527	Laboratory probe Length 200 mm Ø 0,5 mm, PTFE insulated cable.		4 sec	240°C 464°F
82524	Bolt-on type sensor Stainless steel mounting plate. Dim. 23 x 19 with twisted wire, length 1000 mm.		15 sec	200°C 392°F