

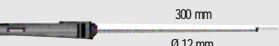


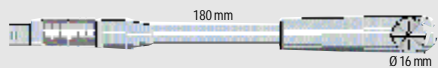
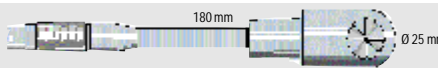
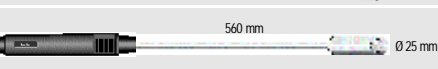





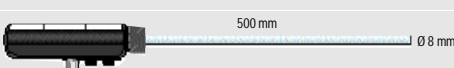
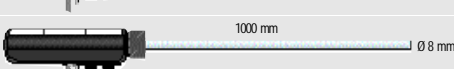
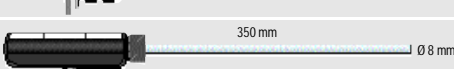
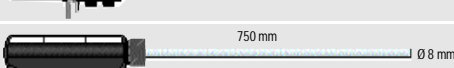
Selection of temperature probes	Illustration	Meas. range	Accuracy	t99	Conn.	Part no.
Ambient air probe, 300 mm immersion depth, with probe stop for separate measurement of ambient air temperature (e.g. systems with outside primary air intakes)		0... +100 °C		30 s		0600 9791
Mini ambient air probe, 60 mm immersion depth, with probe stop, magnetic clip, Tmax +100°C, for dual wall clearance temp. meas. in systems with outside primary air intakes		0... +100 °C		30 s		0600 9797
Mini ambient air probe, Tmax +80°C, for separate ambient air temperature measurement		0... +80 °C				0600 3692
Pipe wrap probe for pipes with diameter of up to 2", for flow/return temperature measurement in hydronic systems		-60... +130 °C	Class 2	5 s	Fixed cable	0600 4593
Spare meas. head for pipe wrap probe		-60... +130 °C	Class 2	5 s		0602 0092
Quick-action surface probe with spring-loaded thermocouple band for measurements in floor heating systems, radiators, insulation...		-200... +300 °C	Class 2	3 s	Plug-in head, connection cable 0430 0143 or 0430 0145 required	0604 0194
Infrared surface probe for fast non-contact temperature measurement on live, inaccessible and rotating parts		-18... +260 °C	±2% of mv (+100.1... +260 °C) ±2 °C (-18... +100 °C)	2 s	Fixed cable, coiled	0600 0750

Additional probes	Illustration	Meas. range	t90	Other features	Part no.
Gas leak detection probe to detect leaks in gas heating systems		0... +10000 ppm CH4	2 s	1st alarm limit: 200 ppm CH4 2nd alarm limit: 10,000 ppm CH4 Alarm: optical display (LED) and audible signal (buzzer) triggered if alarm limit is exceeded	0632 1246
CO probe to measure CO level in ambient air		0... +500 ppm CO	35 s		0632 1247
CO2 probe measures indoor air quality and monitors the workplace. With plug-in head, connection cable 0430 0143 or 0430 0145 required		0... +1 Vol. % CO2 0... +10000 ppm CO2		±(50 ppm CO2 ±2% of mv) (0... +5000 ppm CO2) ±(100 ppm CO2 ±3% of mv) (+5001... +10000 ppm CO2)	0632 1240
Current/voltage cable (±1 V, ±10 V, 20 mA)		0... +1000 mV 0... +10 V 0... +20 mA		±1 mV (0... +1000 mV) ±0.01 V (0... +10 V) ±0.04 mA (0... +20 mA)	0554 0007
Mechanical rpm probe with plug-in head		+20... +20000 rpm		Plug-in head, connection cable 0430 0143 or 0430 0145 required	0640 0340
<ul style="list-style-type: none"> Included 2 probe tips Ø 8 and Ø 12 mm 1 hollow cone Ø 8 mm 1 surface speed disc Ø 19 mm to measure rotational speed: rpm = rotational speed in mm/s 					

Stationary probes	Illustration	Meas. range	Accuracy	t99	Part no.
Robust, quick-action surface probe, NiCr-Ni, with M14 x 1.5 thread, incl. 2 nuts for mounting, 2 m cable (PVC)		-50... +180 °C	Class 2	3 s	0628 6021
Universal probe, NiCr-Ni, for measurements in liquids and gases, 2 m cable (PVC), IP 42 connection socket		-200... +1100 °C	Class 1	2 s	0628 6004
Screw-in probe, Pt100, for measurements at hard-to-access points, M 6 thread, 2 m cable (PVC)		-10... +80 °C	Class A	70 s	0628 6014
Immersion probe, Pt100, for measurements in water and unclean environments, 2 m cable (silicone)		-50... +180 °C	Class A	70 s	0628 6003
Immersion probe, Pt100, for measurements in corrosive substances, 2 m cable (PTFE), IP 67		-50... +260 °C	Class A	50 s	0628 6008
Resistance thermometer, Pt100, for surface measurement, 2 m cable (silicone), IP 65		-30... +180 °C	Class A	150 s	0628 6016
Universal probe, Pt100, for measurements in liquids and gases, 2m cable (PVC), IP 42		-50... +400 °C	Class A	15 s	0628 6044
Vane probe, Ø 16 mm, for stationary assembly, 3 m cable (PVC)		-30... +80 m/s -30... +140 °C	±(0.2 m/s ±1% of mv) (+0.4... +60 m/s)		0628 0036
Robust hot bulb probe, Ø 3 mm, for measurements in the lower velocity range, 2m cable (PVC)		0... +10 m/s -20... +70 °C	±(0.03 m/s ±5% of mv) (0... +10 m/s)		0628 0035

Accessories for stationary probes	Part no.	Accessories for stationary probes	Part no.
Wall holder with screw-in connection for vane probe, Ø 16mm	0628 0037	Clamp screw connection (steel) with G 1/4" thread, to attach temperature probes with Ø 6mm	0400 6166
Clamp screw connection (steel) with M 8x1 thread, to attach temperature probes with Ø 3mm	0400 6163		

Selection of humidity probes	Illustration	Meas. range	Accuracy	Conn.	Part no.	
Standard indoor air quality probe up to +70°C		0... +100 %RH -20... +70 °C	±2 %RH (+2... +98 %RH)	±0.4 °C (-10... +50 °C) ±0.5 °C (-20... -10.1 °C) ±0.5 °C (+50.1... +70 °C)	12 s Plug-in head, connection cable 0430 0143 or 0430 0145 required	0636 9740
Robust humidity probe e.g. for measuring equilibrium moisture or for measurements in exhaust ducts to +120°C		0... +100 %RH -20... +120 °C	±2 %RH (+2... +98 %RH)	±0.4 °C (-10... +50 °C) ±0.5 °C (-20... -10.1 °C) ±0.5 °C (+50.1... +120 °C)	30 s Plug-in head, connection cable 0430 0143 or 0430 0145 required	0636 2140
Robust high temperature/humidity probe up to +180°C		0... +100 %RH -20... +180 °C	±2 %RH (+2... +98 %RH)	±0.4 °C (+0.1... +50 °C) ±0.5 °C (-20... 0 °C) ±0.5 °C (+50.1... +180 °C)	30 s Plug-in head, connection cable 0430 0143 or 0430 0145 required	0628 0021

Selection of velocity, pressure probes	Illustration	Probe type	Meas. range	Accuracy	Part no.
Vane/temperature probe, Ø 16 mm, attachable to handle or telescopic handle		Vane Type K (NiCr-Ni)	+0.4... +60 m/s -30... +140 °C	±(0.2 m/s ±1% of mv) (+0.4... +60 m/s)	0635 9540
Vane/temperature probe, Ø 25 mm, can be attached to handle or telescopic handle		Vane Type K (NiCr-Ni)	+0.4... +40 m/s -30... +140 °C	±(0.2 m/s ±1% of mv) (+0.4... +40 m/s)	0635 9640
High temperature vane probe, Ø 25 mm, with handle for continuous measurements up to +350°C		Vane Type K (NiCr-Ni)	+0.6... +20 m/s -40... +350 °C	±(0.3 m/s ±1% of f.v.) (+0.6... +20 m/s)	0635 6045
Precision pressure probe, 100 Pa, measures differential pressure and velocities (in connection with Pitot tube)		Differential pressure probe	0... +100 Pa	±(0.3 Pa ±0.5% of mv) (0... +100 Pa)	0638 1345
Pressure probe, 10 hPa, measures differential pressure and velocities (in connection with Pitot tube)		Differential pressure probe	0... +10 hPa	±0.03 hPa (0... +10 hPa)	0638 1445
Pressure probe, 100 hPa, measures differential pressure and velocities (in connection with Pitot tube)		Differential pressure probe	0... +100 hPa	±0.5% of mv (+20... +100 hPa) ±0.1 hPa (0... +20 hPa)	0638 1545
Pitot tube, 350 mm long, stainless steel, measures velocity speed			Oper. temp. 0... +600 °C		0635 2145
Pitot tube, 1000 mm long, stainless steel, measures velocity speed			Oper. temp. 0... +600 °C		0635 2345
Pitot tube, stainless steel, 500 mm long, measures velocity speed with temperature		Type K (NiCr-Ni)	-40... +600 °C		0635 2140
Pitot tube, stainless steel, 1000 mm long, measures velocity speed with temperature		Type K (NiCr-Ni)	-40... +600 °C		0635 2240
Pitot tube, stainless steel, 350 mm long, measures velocity with temperature		Type K (NiCr-Ni)	-40... +1000 °C		0635 2041
Pitot tube, stainless steel, 750 mm long, measures velocity with temperature		Type K (NiCr-Ni)	-40... +1000 °C		0635 2042

Accessories for velocity probes, pressure probes	Part no.
Professional telescopic handle for plug-in vane probes, max. 1 m long, extension on request	0430 0941
Extension for telescopic handle, 2 m long Please also order the 0409 0063 extension cable	0430 0942
Handle for plug-in vane probes	0430 3545
Magnetic holder for pressure probes	0554 0225
Hose connection set, incl. silicone hose and connection adapter For separate gas pressure measurement	0554 0315

Accessories: Temperature, humidity, CO2 probes	Part no.
Cable, 1.5 m long, connects probe with plug-in head to meas. instrument PUR coating material	0430 0143
Cable, 5 m long, connects probe with plug-in head to measuring instrument PUR coating material	0430 0145
Extension cable, 5 m long, between plug-in head cable and instrument PUR coating material	0409 0063
Telescopic handle, max. 1 m, for probe with plug-in head Cable: 2.5 m long, PUR coating material	0430 0144
Control and humidity adjustment set 11.3%RH/75.3%RH incl. adapter for humidity probes	0554 0660
Adjustment set for CO2 probe	0554 0020
Telescopic handle, 340 - 800mm long	0430 9715