

Ethernet probes

Version with display

Part no.

testo Saveris T1 E Ethernet probe with 1 external probe connection NTC, with display	0572 1191	
testo Saveris T4 E 4-channel Ethernet probe with 4 external TC probe connections, with display	0572 9194	
testo Saveris Pt E Ethernet probe with external Pt100 probe connection, with display	0572 7191	

Mains units are not included in delivery. testo Saveris probes are delivered with a calibration protocol of the factory adjustment data. Calibration certificates must be ordered separately.

Technical data	testo Saveris T1 E	testo Saveris T4 E		testo Saveris Pt E	
External probe	Probe type	NTC	TC type K	TC type J	Pt100
	Measuring range (Instrument)	-50 to +150 °C	-195 to +1350 °C	-100 to +750 °C	-200 to +600 °C
			TC type T	TC type S	
			-200 to +400 °C	0 to +1760 °C	
Accuracy (Instrument)	±0.2 °C (-25 to +70 °C) ±0.4 °C (remaining range)	±0.5 °C or 0.5% of m.v.		at +25 °C ±0.1 °C (0 to +60 °C) ±0.2 °C (-100 to +200 °C) ±0.5 °C (remaining range)	
Resolution (Instrument)	0.1 °C	0.1 °C / TC type S 1 °C		0.01 °C	
Connection	1 x NTC via mini DIN socket	4 TCs via TC socket, max. difference in potential 50 V		1 Pt100 via mini-DIN socket	
	Mini-DIN service interface for adjustment is accessible externally				
Dimensions (housing):	Approx. 85 x 100 x 38 mm				
Weight	Approx. 220 g				
Power	6.3 V DC mains unit; alternatively via 24 V AC/DC plug-in/screw terminals, PoE				
Buffer battery	Li-ion (wearing part)				
Housing material	Plastic				
Protection class	IP54				
Measuring rate	2 s to 24 h				
Memory	6,000 measurement values per channel				
Operating temperature	+5 to +45 °C				
Storage temperature	-25 to +60 °C				
Power consumption	PoE Class 0 (typical ≤ 3 W)				
Display	LCD, 2 lines; 7-segment with symbols				
Wall bracket	included				

Ethernet probes

Version without display

Part no.

testo Saveris U1 E Ethernet analog coupler with 1 current/voltage input, without display	0572 3190
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Version with display

testo Saveris H1 E Ethernet probe 1 %RH, with display	0572 6191
testo Saveris H2 E Ethernet probe 2 %RH, with display	0572 6192
testo Saveris H4 E Ethernet probe with external humidity probe connection, with display	0572 6194

Mains units are not included in delivery. testo Saveris probes are delivered with a calibration protocol of the factory adjustment data. Calibration certificates must be ordered separately.

Technical data	testo Saveris H1 E		testo Saveris H2 E		testo Saveris H4 E		testo Saveris U1 E	
Internal sensor	Probe type	-		-		-		1 channel: current/voltage
	Measuring range	-		-		-		2-wire: 4 to 20 mA, 4-wire: 0/4 to 20 mA, 0 to 1/5/10V, load: max. 160 Ω at 24 V DC
	Accuracy	-		-		-		Current ±0.03 mA / 0.75 µA Voltage 0 to 1 V ±1.5 mV / 39 µV Voltage 0 to 5 V ±7.5 mV / 0.17 mV Voltage 0 to 10 V ±15 mV / 0.34 mV ±0.02% of. m.v./K deviating from nominal temperature 22 °C
External probe	Probe type	NTC	Humidity sensor	NTC	Humidity sensor	NTC	Humidity sensor	-
	Measuring range (Instrument)	-20 to +70 °C	0 to 100 %RH ¹⁾	-20 to +70 °C	0 to 100 %RH ¹⁾	-20 to +70 °C	0 to 100 %RH ¹⁾	-
	Accuracy (Instrument)	±0.2 °C (0 to +30 °C) ±0.5 °C (remaining range)	to 90 %RH: ±1 %RH +0.7 % of m.v. at +25 °C > 90 %RH: ±1.4 %RH +0.7 % of m.v. ±0.03 %RH/K ± 1 digit	±0.5 °C	to 90 %RH: ±2 %RH at +25 °C > 90 %RH: ±3 %RH at +25 °C ±0.03 %RH/K ± 1 digit	±0.2 °C	see external probes	-
	Resolution (Instrument)	0.1 °C	0.1% / 0.1 °C td	0.1 °C	0.1% / 0.1 °C td	0.1 °C	0.1% / 0.1 °C td	-
Connection	-					1 x external Ethernet humidity probe mini DIN socket	1 x 2- or 4-wire current/voltage	
	Mini-DIN service interface is accessible externally							
Dimensions (housing):	Approx. 85 x 100 x 38 mm							
Weight	Approx. 230 g			Approx. 254 g		Approx. 240 g		
Power	6.3 V DC mains unit; alternatively via 24 V AC/DC plug-in/screw terminals, PoE							
Buffer battery	Li-ion (wearing part)							
Housing material	Plastic							
Protection class	IP54							
Measuring rate	2 s to 24 h							
Memory	6,000 measurement values per channel							
Operating temperature	+5 to +45 °C							
Storage temperature	-25 to +60 °C							
Power consumption	PoE Class 0 (typical ≤ 3 W)							
Display	LCD, 2 lines; 7-segment with symbols					no display		
Wall bracket	included							

¹⁾ Not for condensing atmosphere. For continuous applications in high humidity (>80 %RH at ≤30 °C for >12 h, >60 %RH at >30 °C for >12h), please contact us via www.testo.com.

Sintered caps for testo Saveris H1 E, H2 E and H2 D probes

Metal protection cage, Ø 12 mm for humidity probes, for measurement in flow velocities of less than 10 m/s	0554 0755
Stainless steel sintered filter, pore size 100 µm, probe protection in dusty atmospheres or higher flow velocities, for measurements at higher flow velocities or in contaminated air	0554 0641
Cap with wire mesh filter, Ø 12 mm	0554 0757
Sintered PTFE filter, Ø 12 mm, for corrosive media, High humidity range (long-term measurements), high flow velocities.	0554 0756
Testo saline pots for testing and humidity calibration of humidity sensors, 11.3 %RH and 75.3 %RH, incl. adapter for humidity probes, fast testing or calibration of humidity probe	0554 0660