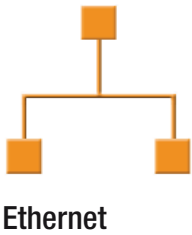





# testo Saveris™ components: Ethernet probes

The existing LAN infrastructure can be used through the Ethernet probe. This allows the data transfer from the probe to the base, even over long distances. Ethernet probes have a display.



		°C		
		NTC external	TC external	Pt 100 external
				
		<b>Saveris T1 E</b>	<b>Saveris T4 E</b>	<b>Saveris Pt E</b>
		Ethernet probe with external NTC probe connection		4-channel Ethernet probe with 4 external TC probe connections
		Ethernet probe with external NTC probe connection		Ethernet probe with external Pt100 probe connection
External probe	Probe type	NTC		Pt100
	Measuring range (instrument)	-50 to +150 °C		-200 to +600 °C
	Accuracy (instrument)	± 0.2 °C (-25 to +70 °C) ± 0.4 °C (remaining meas. range)		at +25 °C ± 0.1 °C (0 to +60 °C) ± 0.2 °C (-100 to +200 °C) ± 0.5 °C (remaining meas. range)
	Resolution (instrument)	0.1 °C		0.01 °C
Connection		1 NTC via mini-DIN socket	4 TCs via TC socket max. potential difference 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		
Supply		6.3 V DC mains unit; alternatively via 24 V AC/DC plug-in/screw terminals, PoE		
Buffer battery		Li-ion		
Housing material		Plastic		
Protection class		IP54		
Meas. cycle		2 sec to 24 h		
Memory		6.000 readings per channel		
Oper. temp.		-20 to +60 °C		
Storage temp.		-40 to +60 °C		
Power consumption		PoE Class 0 (typically ≤ 3 W)		
Display (optional)		2-line LCD; 7 segments with symbols		
Wall holder		included		
Versions		<b>Saveris T1 E With display</b> Order no. 0572 1191	<b>Saveris T4 E With display</b> Order no. 0572 9194	<b>Saveris Pt E With display</b> Order no. 0572 7191

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

# testo Saveris™ components: Ethernet probes

		°C / °F and %RH				mA and V			
		% RH	NTC	% RH	NTC	% RH	NTC	mA	V
		external		external		external		internal	
<p><b>Ethernet</b></p>		<p><b>Saveris H1 E</b> Humidity Ethernet probe 1%</p>		<p><b>Saveris H2 E</b> Humidity Ethernet probe 2%</p>		<p><b>Saveris H4 E</b> Ethernet probe with external humidity probe connection</p>		<p><b>Saveris U1 E</b> Radio probe with current/voltage input</p>	
Internal sensor	Probe type	—		—		—		1 channel: Current/voltage input	
	Measuring range	—		—		—		2-wire: 4 ... 20 mA 4-wire: 0/4 ... 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		NTC		NTC		—	
	Measuring range (instrument)	-20 to +70 °C		-20 to +70 °C		-20 to +70 °C		—	
	Accuracy (instrument)	±0.2 °C (0 to +30 °C) ±0.5 °C (remaining meas. range)		±0.5 °C		±0.2 °C		see external probes	
	Resolution (instrument)	0.1 °C		0.1 °C		0.1 °C		—	
Connection						1 x external humidity probe Mini DIN socket		1 x 2/4-wire current/voltage input	
		Mini-DIN service interface for adjustment is accessible externally							
Dimensions (housing):		approx. 85 x 100 x 38 mm							
Weight		approx. 230 g				approx. 254 g		approx. 240 g	
Supply		6.3 V DC mains unit; alternatively via 24 V AC/DC plug-in/screw terminals, PoE							
Buffer battery		Li-ion							
Housing material		Plastic							
Protection class		IP54							
Meas. cycle		2 sec to 24 h							
Memory		6.000 readings per channel							
Oper. temp.		-20 to +60 °C							
Storage temp.		-40 to +60 °C							
Power consumption		PoE Class 0 (typically ≤ 3 W)							
Display (optional)		2-line LCD; 7 segments with symbols						no display	
Wall holder		included							
Versions		<b>Saveris H1 E</b> With display Order no. 0572 6191		<b>Saveris H2 E</b> With display Order no. 0572 6192		<b>Saveris H4 E</b> With display Order no. 0572 6194		<b>Saveris U1 E</b> no display Order no. 0572 3190	

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

<sup>1)</sup>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](http://www.testo.com).

Sintered caps for Saveris H1 E, H2 E and H2 D Ethernet probes		Order no.
	Metal protective cap, Ø 12 mm for humidity probes, for measurement at flow velocities less than 10 m/s	0554 0755
	Stainless steel sintered filter, pore size 100 µm, sensor protection for dusty atmospheres or higher flow velocities, for measurement in high flow velocities or contaminated air	0554 0647
	Cap with wire fabric filter, Ø 12 mm	0554 0757
	Sintered PTFE filter, Ø 12 mm, for aggressive media, high-humidity applications (long-term measurements), high flow velocities	0554 0756
	Testo saline pots for monitoring and humidity adjustment of humidity probes, 11.3% RH and 75.3% RH, incl. adapter for humidity probe, quick check or calibration of humidity probe	0554 0660