

Radio probes

Version without display

	Part no.
testo Saveris T1 Radio probe with internal NTC, radio frequency 868 MHz, without display	0572 1210*
testo Saveris T2 Radio probe with external probe connection and internal NTC, door contact, radio frequency 868 MHz, without display	0572 1211*
testo Saveris T3 2-channel radio probe with 2 external TC probe connections (choice of TC characteristics), radio frequency 868 MHz, without display	0572 9212*
testo Saveris Pt Radio probe with 1 external Pt100 probe connection, radio frequency 868 MHz, without display	0572 7211*

Version with display

testo Saveris T1 D Radio probe with internal NTC, radio frequency 868 MHz, with display	0572 1220*
testo Saveris T2 D Radio probe with external probe connection and internal NTC, radio frequency 868 MHz, with display	0572 1221*
testo Saveris T3 D 2-channel radio probe with 2 external TC probe connections (choice of TC characteristics), radio frequency 868 MHz, with display	0572 9222*
testo Saveris Pt D Radio probe with 1 external Pt100 probe connection, radio frequency 868 MHz, with display	0572 7221*

The alkali manganese batteries AA (0515 0414) are included in these ordering data (Analog Coupler excluded). 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	testo Saveris T2	testo Saveris T3	testo Saveris Pt	
Internal sensor	Probe type	NTC	NTC	-	
	Measuring range	-35 to +50 °C	-35 to +50 °C	-	
	Accuracy	±0.4 °C (-25 to +50 °C) ±0.8 °C (remaining range)	±0.4 °C (-25 to +50 °C) ±0.8 °C (remaining range)	-	-
	Resolution	0.1 °C	0.1 °C	-	-
External probe	Probe type	-	NTC	TC type K TC type J TC type T TC type S	Pt100
	Measuring range (Instrument)	-	-50 to +150 °C	-195 to +1350 °C -100 to +750 °C -200 to +400 °C 0 to +1760 °C	-200 to +600 °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	-	NTC via mini-DIN socket, door contact connection cable included in delivery (1.80 m)	2 TCs via TC socket, max. difference in potential 2 V	1 Pt100 via mini-DIN socket	
Dimensions (housing):	80 x 85 x 38 mm				
Weight	Approx. 240 g				
Battery life (Type: 4 AA batteries)	Battery life at +25 °C, 3 years; for freezer applications, 3 years with L91 Photo lithium Energizer batteries				
Housing material	Plastic				
Protection class	IP68		IP54	IP68	
Radio frequency	868 MHz				
Measuring rate	Standard 15 min, 1 min to 24 h can be set				
Memory	6,000 measurement values per channel				
Conformity with standards	DIN EN 12830		-		
Operating temperature	-35 to +50 °C		-20 to +50 °C		
Storage temperature	-40 to +55 °C (incl. batteries)				
Display (optional)	LCD, 2 lines; 7-segment with symbols				
Transmission distance	approx. 300 m without obstruction at a frequency of 868 MHz				
Wall bracket	included				

*The testo Saveris Converter V 2.0 (order no. 0572 0218) is required for integration of testo Saveris wireless probes into systems with Base Firmware V 1.X. For more information please contact our customer hotline or your Testo partner.

Radio probes

Version without display

Part no.

testo Saveris H3 Wireless probe with internal humidity sensor 3 %RH, radio frequency 868 MHz, without display	0572 6210*	
testo Saveris U1 Wireless Analog Coupler with 1 current/voltage input, radio frequency 868 MHz, without display	0572 3210*	

Version with display

testo Saveris H2 D Wireless probe with external humidity sensor 2 %RH, radio frequency 868 MHz, with display	0572 6222*	
testo Saveris H3 D Wireless probe with internal humidity sensor 3 %RH, radio frequency 868 MHz, with display	0572 6220*	
testo Saveris H4 D Wireless probe with external humidity probe connection, radio frequency 868 MHz, with display	0572 6224*	

The alkali manganese batteries AA (0515 0414) are included in these ordering data (Analog Coupler excluded). testo Saveris probes are delivered with a calibration protocol of the factory adjustment data. Calibration certificates must be ordered separately.

Technical data	testo Saveris H2 D		testo Saveris H3		testo Saveris H4 D		testo Saveris U1	
Internal sensor	Probe type	-		NTC	Humidity sensor	-		1 channel: current/voltage input
	Measuring range	-		-20 to +50 °C	0 to 100 %RH ¹⁾	-		2-wire: 4 to 20 mA, 4-wire: 0/4 to 20 mA, 0 to 1/5/10 V, load: max. 160 Ω at 24 V DC
	Accuracy	-		±0.5 °C	±3 %RH at +25 °C ±0,03 %RH/K ±1 digit	-		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
	Resolution	-		0.1 °C	0.1 °C% / 0.1 °C td	-		-
External probe	Probe type	NTC	Humidity sensor	-		NTC	Humidity sensor	-
	Measuring range (Instrument)	-20 to +50 °C	0 to +100 %RH ¹⁾	-		-20 to +70 °C	0 to +100 %RH ¹⁾	-
	Accuracy (Instrument)	±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 probes	-
	Resolution (Instrument)	0.1 °C	0.1% / 0.1 °C td	-		0.1 °C	0.1% / 0.1 °C td	-
Connection	non-exchangeable stump probe		-		1 x external humidity probe mini DIN socket		2 or 4-wire current/voltage output Service interface mini DIN for adjustment	
Dimensions (housing):	85 x 100 x 38 mm		80 x 85 x 38 mm		Approx. 85 x 100 x 38 mm			
Weight	Approx. 256 g		Approx. 245 g		Approx. 240 g			
Battery life (Type: 4 AA batteries)	Battery life at +25 °C, 3 years; for freezer applications, 3 years with L91 Photo lithium Energizer batteries						Supply: Mains unit 6.3 V DC, 20 to 30 V DC max. 25 V AC	
Housing material	Plastic							
Protection class	IP54		IP42		IP54			
Radio frequency	868 MHz							
Measuring rate	Standard 15 min, 1 min to 24 h can be set							
Memory	6,000 measurement values per channel							
Operating temperature	-20 to +50 °C						+5 to +45 °C	
Storage temperature	-40 to +55 °C (incl. batteries)						-25 to +60 °C	
Display (optional)	LCD, 2 lines; 7-segment with symbols						(no display)	
Transmission distance	approx. 300 m without obstruction at a frequency of 868 MHz							
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.

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