







# testo Saveris™ Components: Radio probes

Probe versions with internal and external temperature sensors and with humidity sensors allow the adaptation to every application. The radio probes are available with or without a display as an option. Current measurement data, the battery status and the quality of the radio link are shown in the display.

		°C				%RH, °C			
		NTC internal	NTC internal	NTC external	TC external	Pt 100 external	%RH internal		
 <b>Radio</b>		 <b>Saveris T1</b> Radio probe with internal NTC	 <b>Saveris T2</b> Radio probe with external probe connection and internal NTC, door contact	 <b>Saveris T3</b> 2-channel radio probe with 2 external TC probe connections (Choice of TC characteristics)	 <b>Saveris Pt</b> Radio probe with 1 external Pt100 probe connection	 <b>Saveris H3</b> Humidity radio probe			
Internal sensor	Probe type	NTC	NTC				NTC	Humidity sensor	
	Meas. range	-35 to +50 °C	-35 to +50 °C				-20 to +50 °C	0 to 100 %RH	
	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)				±0.5 °C	±3 %RH	
	Resolution	0.1 °C	0.1 °C				0.1 °C / 0.1 °C td	0.1%	
External probe	Probe type		NTC	TC type K	TC type J	Pt100			
	Meas. range (Instrument)		-50 to +150 °C	-195 to +1350 °C	-100 to +750 °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 mv		at 25 °C ±0.1 °C (0 to +60 °C) ±0.2 °C (-100 to +200 °C) ±0.5 °C (remaining range)			
	Resolution		0.1 °C	0.1 °C 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 type		4 AA batteries							
Battery life		Battery life at +25 °C, 3 years; for freezer applications, 3 years with L91 Photo lithium Energizer batteries							
Material/Housing		Kunststoff							
Protection class		IP68	IP68	IP54	IP68	IP68	IP42		
Radio frequency		868 MHz / 2.4 GHz							
Measuring rate		Standard 15 min, 1 min to 24 h can be set							
Conformity with standards		DIN EN 12830							
Oper. temp.		-35 to +50 °C			-20 to +50 °C				
Storage temp.		-40 to +55 °C							
Display (optional)		LCD, 2 lines; 7-segment with symbols							
Transmission distance		approx. 300 m free field at a frequency of 868 MHz, approx. 100 m free field at a frequency of 2.4 GHz							
Wall bracket		included							
Versions									
868 MHz	Version without display	<b>Saveris T1</b> Part no. 0572 1110	<b>Saveris T2</b> Part no. 0572 1111	<b>Saveris T3</b> Part no. 0572 9112	<b>Saveris Pt</b> Part no. 0572 7111	<b>Saveris H3</b> Part no. 0572 6110			
	Version with display	<b>Saveris T1 D</b> Part no. 0572 1120	<b>Saveris T2 D</b> Part no. 0572 1121	<b>Saveris T3 D</b> Part no. 0572 9122	<b>Saveris Pt D</b> Part no. 0572 7121	<b>Saveris H3 D</b> Part no. 0572 6120			
2.4 GHz	Version without display	<b>Saveris T1</b> Part no. 0572 1150	<b>Saveris T2</b> Part no. 0572 1151	<b>Saveris T3</b> Part no. 0572 9152	<b>Saveris Pt</b> Part no. 0572 7151	<b>Saveris H3</b> Part no. 0572 6150			
	Version with display	<b>Saveris T1 D</b> Part no. 0572 1160	<b>Saveris T2 D</b> Part no. 0572 1161	<b>Saveris T3 D</b> Part no. 0572 9162	<b>Saveris Pt D</b> Part no. 0572 7161	<b>Saveris H3 D</b> Part no. 0572 6160			

The AA alkali manganese mignon batteries (0515 0414) are contained in this ordering data.