

Document Information:

Topic	Specification CAPBs
Products	CAPBs sens TK (temperature type-k)
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History:

Version	Date	Name	Description
1	20.01.16	MT	Initial release
2	02.02.16	MT	New names, article number
3	10.02.16	MT	New names
4	22.12.16	MT	Updated Directives & Standards, TK11
5	03.03.17	MT	Differential temperature program TK11

Technical Data

	TK10	TK20	TK30	TK35	TK40	TK50
Systronik Article No.	M090 00 08 10	M090 00 22 10	M090 00 23 10	M090 00 24 10	M090 00 25 10	M090 00 26 10
Measuring Range	-50..+1150 °C	-50..+800 °C	-50..+1100 °C	-50..+1100 °C	-50..+400 °C	-50..+400 °C
Accuracy	±1.5 °C ¹⁾	±1.5 °C or 1 % RDG	±1.5 °C or 1 % RDG	±1.5 °C or 1 % RDG	±1.5 °C or 1 % RDG	±1.5 °C or 1 % RDG
Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Mechanical connections	Type-K plug	Insertion probe Ø3mm	Liquid probe Ø1.5mm	Liquid probe Ø3mm	Air probe Ø4.7mm	Surface probe Ø4mm
CAPBs ST: Battery life / rechargeable battery life	45 h / 32 h	45 h / 32 h	45 h / 32 h	45 h / 32 h	45 h / 32 h	45 h / 32 h
Dimensions [mm]	58 x 42 x 35	186 x 42 x 35	187 x 42 x 35	190 x 42 x 35	187 x 42 x 35	187 x 42 x 35
Weight	22 g	32 g	28 g	32 g	32 g	34 g

	TK11
Systronik Article No.	M090 00 09 10
Measuring Range	-50..+1150 °C
Accuracy	±1.5 °C ¹⁾
Resolution	0.1 °C
Mechanical connections	2 x Type-K plug
CAPBs ST: Battery life / rechargeable battery life	45 h / 32 h
Dimensions [mm]	58 x 42 x 35
Weight	22 g

1) depends by the used thermocouple

S6600 CAPBs program

Temperature, Differential temperature (TK11) Legionella

Units

°C, °F

Operation temperature

+ 0 °C ... + 40 °C

Storage temperature

- 20 °C ... + 50 °C

Housing

Plastic (PC+ABS)

Color

RAL 5011 (*steel blue*)

Protection Rating

IP40 (*DIN EN IEC 60529*)

Directives & Standards

2014/30/EU (CE), 2011/65/EG (RoHS), 2012/19/EU (WEEE)

All Technical Changes Reserved