

RF01-U, RF01-U-D2

Indoor temperature sensor | 0 ... 50 °C | 0 ... 10 V output

Power supply

Nominal voltage	24 V UC
Operating voltage range	22 ... 26 V UC
Power consumption AC/DC	0.2 W / -

Outputs

Number of analogue outputs	1
Analogue output type	0 ... 10 V

General data

Ambient temperature storage	-20 °C ... 60 °C
Ambient temperature operation	-20 °C ... 60 °C
Conductor cross section	1.5 mm ²
Module width	fig. 2
Weight	67 g
Protection degree	IP54
Housing material	ABS

Product references

Types	Product reference
Indoor temperature sensor	RF01-U
Indoor temperature sensor with display	RF01-U-D2



fig. 1. Wiring diagram

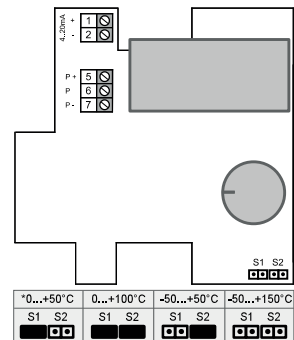
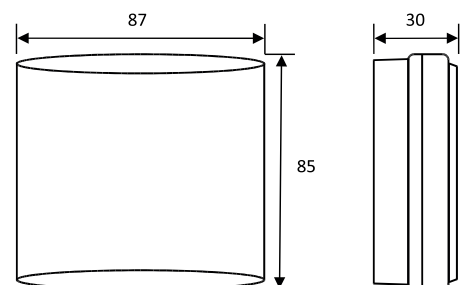


fig. 2. Dimensions (mm)

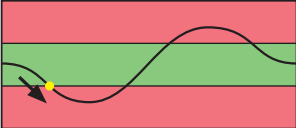
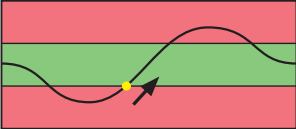
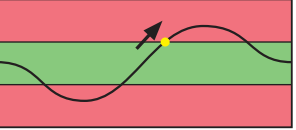


Standards and approvals

Approvals



CMS-10 remote monitoring and control features

	Description	Detail	CMS-10F	CMS-10ADF	CMS-10ACDF
General	Periodic notification	daily, weekly, monthly	●	●	●
	Notification at power fail		●	●	●
	Notification at startup		●	●	●
	Status notification upon request		●	●	●
	Up to five receivers per notification selectable		●	●	●
	Notification escalation		●	●	●
Inputs	Digital inputs		●		
	Analogue (0 ... 10 V) / digital inputs			●	●
	Analogue inputs 4 ... 20 mA				●
	Notification digital input "on"		●	●	●
	Notification digital input "off"		●	●	●
	Analogue value: scaling according sensor unit		●	●	●
					
	SMS notification analogue input value < lower level			●	●
					
	SMS notification analogue input value > lower level			●	●
					
	SMS notification analogue input value > upper level			●	●
					
SMS notification analogue input value < upper level			●	●	
Notification of analogue value in event of value change	Change > x			●	●
Periodic notification of analogue values				●	●
Notification delay	0.1 s ... 99.9 h		●	●	●
Outputs	Relay outputs		●	●	●
	Call-in function		●	●	●
	Switch on		●	●	●
	Switch off		●	●	●
	Output on for set time	0.1 s ... 99.9 h		●	●