IoT-termometer tre kanaler, Sigfox

Art nr: W0832P



The device measures the temperature from the built-in sensor and from two external Pt1000 probes on the cable - you can choose them from an optional accessory.

The measured values are sent in an adjustable time interval (10 min to 24 h) by radio transmission in the Sigfox network to the COMET Cloud, from which the user can view them using a personal computer or mobile device.

The instrument can monitor up to 2 alarm limits of the measured variable. Exceeding these limits is indicated by sending an emergency message. COMET Cloud transmits this alarm message via e-mail to the selected user. The device is suitable for applications that tolerate the delay of information delivered by Sigfox (max. 10 min).

Highlights:

- wireless transmission of measured values and alarm states
- battery power (battery life 1 year to 10 years)
- LED indication of device status
- remote setting of the device from COMET Cloud (maximum once a day)
- IP65
- traceable calibration certificate in accordance with EN ISO / IEC 17025

The availability of Sigfox network in a particular location

Check your Sigfox network availability before you buy your device. COMET devices in the Sigfox network can be used anywhere in the RC1 zone. Learn more about Sigfox (RC) Radio Zones.

Tekniska specifikationer

INTERN TEMPERATURGIVARE	
Mätområde	-30 till +60 °C
Noggrannhet	±0.4 °C
Upplösning	0.1 °C
Responstid t90 temperaturmätning (temperatursteg om 20°C, luftflöde ca 1 m/s)	10 minuter
EXTERN TEMPERATURGIVARE - Pt1000	
Mätområde	-200 till +260 °C
Noggrannhet	±0.2 °C i området -200 till +100 °C; ±0.2 % av avläst värde i området +100 till +260 °C
Upplösning	0.1 °C
TEKNISKA SPECIFIKATIONER	

Drifttemperatur	-30 till +60 °C
Kanaler	intern temperaturgivare, ingångar för 2 x externa givare typ P1000
Sändningsintervall	Justerbart 10 min, 15 min, 20 min,1 h, 3 h, 6 h, 12 h, 24 h
Radiofrekvens	868 MHz
Max sändareffekt	25mW
Sigfox strålningsklass	0U
Konfigurerad för radiozon	RC1 (fungerar i Europa, Iran, Oman och Sydafrika)
Typisk räckvidd	50 km på landsbyggd, 3 km i stadsmiljö
Matning	Litiumbatteri 3.6 V, C
Kapslingsklass	IP65
Dimensioner	126 x 89 x 40mm
Vikt inkl. batteri	190g
Garanti	3 år