

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 landsbygd, 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