

Thermomètre IoT, Sigfox

code: W0810P



The device measures the temperature from the built-in sensor with the possibility of installation directly into the measured space thanks to IP65 protection.

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](#).

Données techniques

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| Plage de mesure de la température | -30 à +60°C |
| Précision de la mesure de la température | ±0.4°C |
| Résolution de la lecture | 0.1°C |
| Temps de réponse t90 de la mesure de la température (palier de température 20 ° C, débit d'air environ 1 m / s) | 10min. |
| Intervalle de transmission du message | Réglable 10 minutes, 20 minutes, 30 minutes, 1 heure, 3 heures, 6 heures, 12 heures, 24 heures |
| Fréquence de fonctionnement | 868 MHz |
| Puissance de transmission max. | 25mW |
| Classe de rayonnement Sigfox | 0U |
| Zone de configuration radio | RC1 (opération possible en Europe, Iran, Oman et Afrique du Sud) |
| Gamme typique de transmetteur | 50 km dans les champs, 3 km dans la ville |
| Alimentation | Pile au lithium 3,6 V, taille C |

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|---------------------|-----------------|
| Protection IP | IP65 |
| Dimensions | 126 x 89 x 40mm |
| Poids avec batterie | 185g |
| Garantie | 3 ans |