

Ambient Sigfox transmitter

TX CO₂ ambient temperature & humidity - High Power version



COMPACT DESIGN

EASY TO INSTALL

COMPATIBLE WITH SIGFOX NETWORK

REPLACEABLE BATTERY

UP TO 10 YEARS BATTERY LIFE

SPECIFICATIONS

Enclosure and IP rating	ABS IP 40
Dimensions (l x w x h)	99 x 85 x 32 mm
Mounting	Wall
Radio antenna	Embedded
Type of sensor	Embedded CO ₂ temperature and humidity sensor
CO ₂ range	0 - 5000 ppm
Sensor temperature range	- 40 / + 125 °C
Sensor accuracy	+/- 0,3°C
Sensor resolution	+/- 2% RH
TX working temperature	- 20 / + 55°C
Power supply	Replaceable C 3.6 V Lithium battery - Low battery alert
Radio frequency band	868 MHz
Protocol	SIGFOX
Alarm	Report by exception function (thresholds)
Configuration update	Time windows function / Configuration update from the Sigfox Back-End
Output power	25 mW (14 dBm)
RF sensitivity	Up to - 126 dBm
Battery autonomy / Périodicity	2 years battery life with 60mn periodicity / Configurable periodicity
ID	Unique 8 digits ID
LED	3 LEDs
Certification	CE
Ordering code	TX CO ₂ TEMP HUM AMB SIGFOX HP 100-013
Sigfox certification number	P_0043_7A99_01

DS EN 100-013-a