

Wastebbox LoRaWAN[®] level sensor

Wastebbox level sensor with LoRaWAN[®] radio interface

The Wastebbox level sensor reliably measures fill levels in various disposal containers (old clothes, electrical waste, etc.) and transmits the data to the gateway via LoRaWAN[®] radio interface.

Due to the small minimum distance and the very good price/performance ratio, the sensor is particularly suitable for smaller containers. At the same time, the battery lasts for several years due to the use of energy-saving technologies.

Thanks to the collected data, you can optimise your tours, plan upcoming quantities and, if necessary, detect theft of filling material.



Performance characteristics at a glance

- For communication, the sensor uses the LoRaWAN[®] network
- Long battery life through the use of energy-saving technologies
- Measurements with almost any product through optical distance measurement
- Simple and quick installation on site
- Standard bracket for more convenient installation (optional)

Wastebox LoRaWAN®

Technical data	
Dimensions:	82 x 84 x 26 mm (W x H x D)
Communication:	LoRaWAN®
Distance measurement:	Optical (0-250 cm)
Battery:	4x AA battery (1.5V)
Battery life:	up to 5 years
Configuration:	Sensor is delivered configured
Activation:	OTAA
Frequency:	EU868 MHz
Channel Bandwidth:	125 kHz
Baud Rate:	250 bps (SF12/125 kHz)
Maximum transmission power:	22 dBm
Connectivity parameters:	Interval : 60 minutes ; Hysteresis : 10 cm Retry : 24 hours ; Heartbeat : 3 days

ZENNER International GmbH & Co. KG

Heinrich-Barth-Straße 29 | 66115 Saarbrücken

Telefon +49 681 99 676-30
Telefax +49 681 99 676-3100

E-mail
Internet

info@zenner.com
www.zenner.com