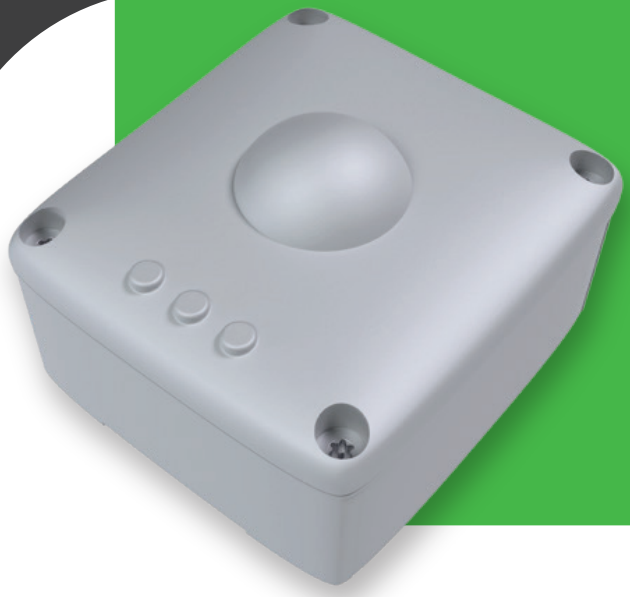
KONECTO



EGK-LW20W00
Waste level sensor EGK-LW20W00 for bins and containers

This device is able to measure the filling level of waste containers, from urban bin to containers for separate waste collection. The battery life, low cost, small size and robust construction make it the ultimate sensor in different situations. Suitable for use on containers of different shapes and sizes and to work with waste of different origins (plastic, paper, glass, organic). Equipped with bluetooth, it allows configuration and diagnostics even with the sensor mounted in hard to reach locations.

Solid Waste | Organic Waste | Paper | Plastic | Glass

Performance
Measure distances **up to 1.5m** with 1mm resolution

Resistant
Built with **sturdy** and **durable** materials.

Reliable
Insensitive to dirt, **battery** life up to **7 years**.

Simple
Easy installation and set-up.

Bluetooth
Bluetooth interface for configuration and diagnostic.

Compact
Very small size: 64.5 x 58.5 x 39mm

IP67 **The small and reliable level sensor, adaptable to endless applications.**

info@konecto.io +1 (855) 566-3286

WASTE LEVEL SENSOR EGK-LW20W00 FOR BINS AND CONTAINERS

APPLICATIONS

- Municipalities
- Waste treatment plants
- Storage warehouses
- Manufacturing industries
- Farms

TECHNICAL FEATURES

- CPU ARM Cortex M4
- Class A LoRaWAN® 1.0.2 , EU868
- OTAA/ABP activation
- Level range 140 ÷ 500mm, resolution 1mm
- Non contact level detection up to 1.5mt
- Embedded antenna
- Magnetic start-up
- Time interval based or thresholds based uplink**
- Embedded accelerometer for tilt status**
- Primary battery with no harmful substances, replacement possible
- Pole or surface mount
- 5 years life time with SF12 and max Tx power, 48 Uplinks messages per day
- Transmission @ 868 MHZ, 14dBm max.
- BLE interface for configuration, data reading and FW upgrade
- Remote configuration**
- Storage temperature -30°C ÷ +80°C
- Working temperature -30°C ÷ +70°C
- Dimensions: 64.5x58.5x39mm
- Protection grade: IP67
- Weight: 90g

** planned