



# Waste container filling monitoring DistSense



## ELKOPLAST CZ, s.r.o.

Štefánikova 2664, 760 01 Zlín  
Czech Republic

e-mail: [elkoplast@elkoplast.cz](mailto:elkoplast@elkoplast.cz)  
tel.: +420 575 571 000  
fax: +420 575 571 099

---

DistSense Long  
DistSense Line

# Waste container filling monitoring

DistSense Long  
DistSense Line



## DISTSENSE

The DistSense device monitors fill level of waste containers in adjustable intervals. It uses infrared laser technology in order to lower energy consumption and increase battery life. To further refine measurement the laser beam direction and width could be adjusted.

The device is wirelessly connected to the internet via an IoT network, data transmission is encrypted, data are processed and stored in Cloud. Data could be then shared with customer platform or displayed in our web application.



DistSense Long



DistSense Line

## Main Advantages

### LASER SENSOR

- Continuously measures the fill levels. Tested for all major types of waste containers

### SIMPLE INSTALLATION

- Wirelessly connected via IoT network, works on a battery that lasts for several years

### SMART APPLICATION

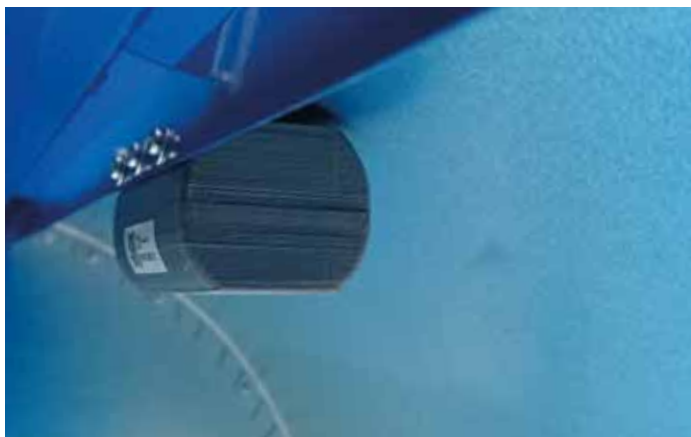
- Administration, graphic dashboard, reporting and history. Integration with customer IS

## Wireless Sensors

- Function: distance (up to 4 m), temperature, tilt, battery status
- Battery: changeable 8500 mAh, 3 – 5 years of operation
- Network: NB-IoT, SigFox
- Installation: screws, magnet

## Smart Application

- Organization definition and access rights
- Devices management & configuration
- Location of devices
- Containers' fill levels (in %, in cm)
- Dump detection
- Graphs, statistics, reports



DistSense Long

typ	DistSense Long	DistSense Line
Dimensions [mm]	77×43×36	76 (94)×38×29
Color	grey (or as required)	according to color of waste container
Use	containers for used textiles or electrical waste	containers with top dump (typically 110 – 1100 l)