

Radar-based distance sensor with BLE connectivity for fill-level measurement and loaded/unloaded state detection. Features configurable measurement intervals, integrated temperature sensor, and optional lid detection. Highly configurable for different material types.

 Bluetooth Low Energy 5

 5 year battery life

 IP67 rated



Ø 133 × 45 × 21mm
90g (3.2 oz)

Sensing & Detection

Technology

Radar-based distance sensor

Capabilities

- Fill level measurement
- Loaded/unloaded state detection
- Optional lid open/close detection

Material Detection

Highly configurable for different material types

Detection Range

20cm to 7m

Measurement Interval

Configurable (default 60 minutes)

Temperature Sensor

Range

-20°C to 65°C

Accuracy

±1.5°C

Connectivity

Technology

Bluetooth Low Energy 5 (BLE 5)

TX Power

Configurable up to +8dBm

Advertisement Frequency

Every 3 seconds

Physical Characteristics

Dimensions

Ø 133 × 45 × 21mm

Casing Material

PBT/PC UV Stable

Mounting Hole Diameter

4mm

Operating Temperature

-20°C to +85°C

Weight

90 grams (3.2 oz)

Mounting Holes Distance

111.5mm

IP Rating

IP67

Power

Battery Type

TITUS ER14335 Primary Lithium Thionyl chloride (SOCl₂)

Battery Life

5 years with default settings

Battery Size

¾ AA-size, 3.6V, 1.65Ah

User Replaceable

Non-replaceable

Configuration

Configurable Features

- Measurement interval
- TX power
- Material type detection parameters
- Lid open/close detection
- Measurement pause on lid open

Management Profiles

Available upon request