

SWB-200 (SLOC Waste Bin)

Version: 2.1 | 25.08.2020

Smart Device for fill level measurement in small and large sized bins



Information provided:

- Fill level
- Temperature incl. warning function
- Lid position
- Lid openings (if available)
- Movement patterns
- Battery status

Fields of application (selection):

- Waste Bins
- Commercial & industrial containers
- Waste glass containers
- Used-clothes container
- Underfloor container

Technical specification:

Power Supply	Battery:	Version:	2x Li-Ionen AA
		Voltage:	2,7-3,6V
		Life-Time:	up to 10 years (depending on network quality and transmission interval)
Connectivity	Narrowband-IoT: (worldwide coverage)	Bands:	B1, B2, B3, B4, B5, B8, B12, B13, B17, B18, B19, B20, B25, B26, B28, B66
	Bluetooth LE 4.2:		2,4GHz
Sensors	Accelerometer:	Measuring range:	up to zu 16 G
		Measuring frequency:	1 Hz to 5376 Hz
	Temperature:	Measuring range:	-55°C to +125°C
		Accuracy:	+/- 1°C from -25°C to +100°C +/- 2°C from -55°C to +125°C
	Ultrasonic (2x):	Measuring range:	up to 4m
CPU	Ultra-Low Power ARM Cortex-M		
Memory	Non-volatile memory:	100.000 delete / write operations	Up to 10.000 data points
Operating Modes	Transport Mode	Sleep Mode	Active Mode
Activation	With magnet and/or rotational movement		
Operating Conditions	Temperature:	-30°C to +70°C	
	Humidity:	5% to 85% (no condensation)	
Storage Conditions	Optimum storage:	21°C at 20% relative humidity	
IP Protection Class	IP67		
Weight	120g		
Dimensions	118x57x31 mm (LxBxH)		

