

CU 4600

BLE CURRENT SENSOR

REFERENCE
4600

BLE current sensor that accumulates the time a direct current flows above a configurable threshold. It tells you, for example, whether an asset's battery is discharging — asset in use — or charging.



71 × 36 × 36 mm

Dimensions L × W × D

80 g

Weight

-20 °C → +50 °C

Operating temperature

≈ 5 years

Battery life

- BLE iBeacon
- -20 °C → +50 °C
- 35 m or more at +0 dBm
- Current
- Battery life ≈ 5 years
- CR2477X 3 V lithium cell

Connectivity

TECHNOLOGY

- Bluetooth Low Energy (BLE) beacon

RANGE

- 35 m or more at +0 dBm
- Actual range strongly influenced by the physical environment
- BLE advertising every 2 s

COMPATIBILITY

- All TRAKmy devices with BLE gateway capability

Sensor characteristics

CURRENT

- Range : 0,3 A → 20 A DC
- Accuracy : ±3 % (5 A → 20 A DC)
- Resolution : 100 mA DC

MEASUREMENT MODE

- Measurement every 30 seconds

CONFIGURATION

- Forward and reverse current thresholds
- Configurable from the TRAKmy application

Installation

MOUNTING

- Clip the sensor around the cable — no gluing or screwing

POWER

≈ 5 years CR2477X 3 V lithium cell · replaceable

- Up to 5 years of battery life
- Battery life depends on usage

Physical characteristics

Dimensions L × W × D	71 × 36 × 36 mm
Weight	80 g
Housing	Flame-retardant nylon (UL-94 V0)
Operating temperature	-20 °C → +50 °C
Max. measurement voltage	900 V DC

Certifications

EUROPE

- CE