

CubicMeter

Smart ultrasonic clamp-on water flow meter and leak detector. Multiple pipe support (metal & plastic) with the ability to measure water consumption and temperature. Simple and quick installation, without the need of a plumber.



DATASHEET

HARDWARE SPECIFICATIONS

Battery

3.6 VDC Li/SOCI2
Up to 10 years battery life
Non-replaceable

Weight

280 grams (excluding packaging)

Dimensions (mm)

Width: 40
Height: 79
Length: 87

Supported pipes

Copper: 15, 18, 22 mm
Chromed copper: 15, 18 mm
Multi-layered (PAL): 16, 20, 25 mm
Plastic (PEX): 16, 20, 25 mm
LK Distance pipe 110

CONNECTIVITY

LoRaWAN

EU868MHz, 1.0.2-revB
Report interval: 1 hour*

Wireless M-bus

868MHz, C1, format A

ENVIRONMENT

5°C - 30°C, indoor usage

MEASUREMENT SPECIFICATIONS

Maximum flow rate

66.7 liters per minute

Flow rate accuracy

Up to 98%**

Water temperature

0.1°C - 70°C

Water temperature accuracy

Max ±2°C error

Sampling frequency

1 Hz

LEAK DETECTION

Small leak

0.017 - 0.15 liters per minute over multiple days
Supported when using Quandify Platform

Medium leak

>0.16 liters per hour for at least 40 min

Large leak

>25 liters per minute for at least 5 min

* Depending on data transmission frequency (configurable).

** Tested and verified in accordance with the requirements of EN ISO 4064-1:2017 and OIML R 49-1:2013.