

## Click-On. M-Bus LOR-8 module

Modules are meant for optical counting of the number of turnovers of the sector disk of the hot or cold water meter with the transfer of current and accumulated data to the network main of cable M-Bus (Meter Bus EN 13757).

Field of application: are assigned to industrial measurements of water usage up to 30 degrees of cold water and up to 130 degrees of hot water in relatively regular and strong flow rate.

### Supported meters

- Vane-wheel (DN 15-20) water meters consisting of two main elements: a measuring device and a counting mechanism. Measuring range up to R200
  - JS Q3 Smart+ (C+; D+); JS90 Q3 Smart+(C+; D+) (production of "Apator Powogaz S.A.", Poland)

The M-BUS LOR-8 module supports the M-BUS protocol, which is commonly used for metering applications. It enables the module to communicate using the M-BUS (EN13757 standard) for data transmission.

Users can configure the module's settings, such as network parameters, communication frequency, data rate, and encryption keys, to ensure seamless integration with the target network infrastructure.

### Specifications

Installation method

**Click-On. Directly on the water meter. M-Bus (Meter Bus EN 13757)**

Water meter pulse counting method

**Optical sensor**

Number of daily billing entries

**Up to 349**

Battery

**CR1/2AA-STP 3.0V**

Operating temperatures

**0...+55 °C**

Ingress protection rating

**IP65, IP68\* (special request)**

Package dimensions (height; D)

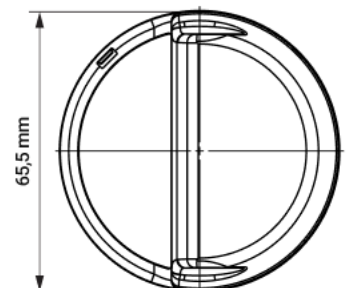
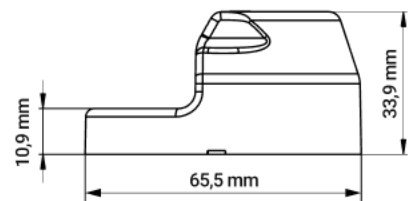
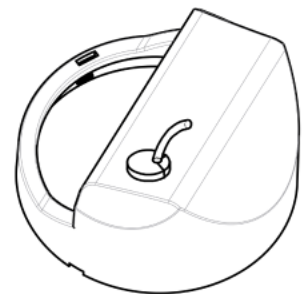
**33,9 mm; 65,5 mm**

Weight (without antenna)

**0,07 kg**

Battery life (70% of the time connected to the M-Bus line)\*

**>11 years**



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