

## JOOBY AQUARIS SNS smart external connection sensor for different types of water meters

Part number: Jooby Aquaris SNS WOAP01 100  
Jooby Aquaris SNS WOAP02 100



The optical sensor is designed to transmit data from analog water meters to the **Jooby OMNI RM LoRaWAN 4PU 201 EU** pulse radio module. The device is mounted on the meter case and connected to the module. The Sensor records the number of revolutions of the water meter pointer and transmits the data to the Pulse radio module.

Sensor data is received in the form of counting pulses, the number of which is equal to or divisible by the number of water meter pointer revolutions.

All the information received from the sensor is stored in the nonvolatile memory of the Radio module. It is transmitted at regular intervals through the wireless LoRaWAN network to the server, where it is converted into readings.

## Technical characteristics

Sensor model	Jooby Aquaris SNS WOAP01 100	Jooby Aquaris SNS WOAP02 100
Water meter model	Apator JS Master +	Apator JS Smart +
Pulse coefficient	1 pulse per 100 L	1 pulse per 1 L
Connector sealing degree		IP67
Connector type		PY07-6
Connection cable length		1,5 m

## Operation

Operating temperature	1 °C...60 °C
Warranty service life, months	24
Estimated service life, years	10 (assuming 1 transmission per day)*

\*dependent on the frequency of data transmission and the amount of interference between the device and the base station