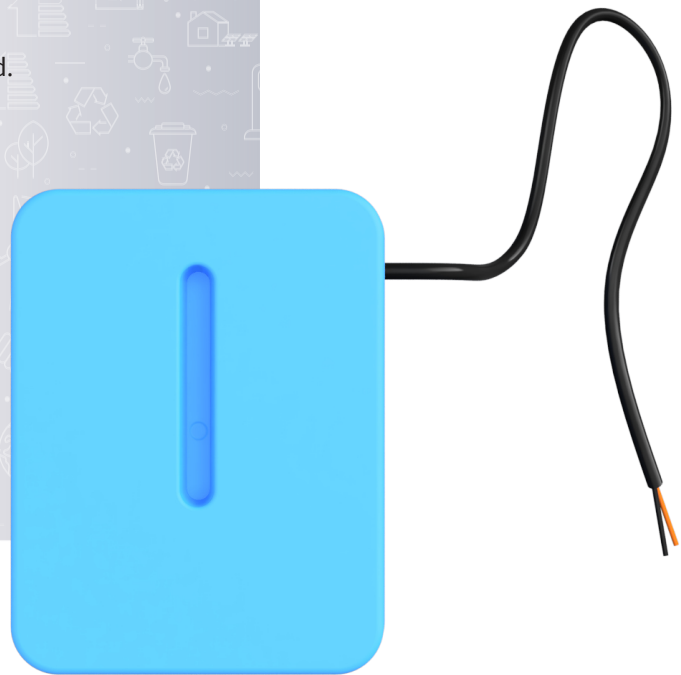


Relaysense Water Universal

EWM4-P

The EWM4-P Relaysense Water Sealed Universal sensor is designed to be connected to water meters via a CYBLE probe. The main measured data is water consumption in liters through direct impulse reading. The sensor is battery-powered and transmits the measured data wirelessly via the gateway to the cloud.



Technical data

Measured data	water consumption (direct impulse reading) [imp]
Physical dimensions	85 × 65 × 45 mm
Weight	250 g (including batteries)
Material	ABS plastic
Protection	IP66
Working conditions	from -20 °C to + 60 °C, < 100 % RH
Interface	1× S0 connector (fixed), probe cable approx. 50 cm
Required accessories	gateway EWG6, probe
Optional accessories	holder, external Antenna
Power supply	2× Alkaline C 1.5V
Battery life	> 2 years (max. 5 years)
Interaction	vibrations
Connectivity	433MHz Radio (Chirp protocol)
Radio range	< 100 m (depending on the local conditions)
Transmitting power	< 10 mW
Transmission time	< 5 ms
Transmission period	5 s
Resolution of metering	depends on water meter conversion constant [imp/m3]
Accuracy of metering	1 imp
Range of metering	32-bit impulse counter; > 1 ms pulse width