

Watersense Control

EWS7-1E

The EWS7-1E Watersense Control sensor is designed to be connected to water meters from the company Bonega. It measures water consumption in liters and can also control the water valve. It has one probe for connection to the water meter and the valve. The sensor is battery-powered and transmits the measured data wirelessly via the gateway to the cloud. It is autonomous and can close the valve without connectivity based on preset conditions such as maximum flow, quantity, continuous flow or amount of water over time.



Technical data

Measured data	water consumption [L]
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× probe EWC2 (fixed), 1× servo valve (connector)
Required accessories	gateway EWG6-C, holder, servo valve, Bonega water meter
Power supply	2× Alkaline C 1.5V
Battery life	> 2 years (max. 5 years)
Connectivity	433MHz Radio (Chirp protocol)
Radio range	< 100 m (depending on the local conditions)
Transmitting power	< 10 mW
Transmission time	< 5 ms
Transmission period	10 s
Resolution of metering	1 L
Accuracy of metering	1 L
Activation	by placing on designated holder, by measurement (from 05/2021)
Actions	remote water valve closure, automatic water valve closure