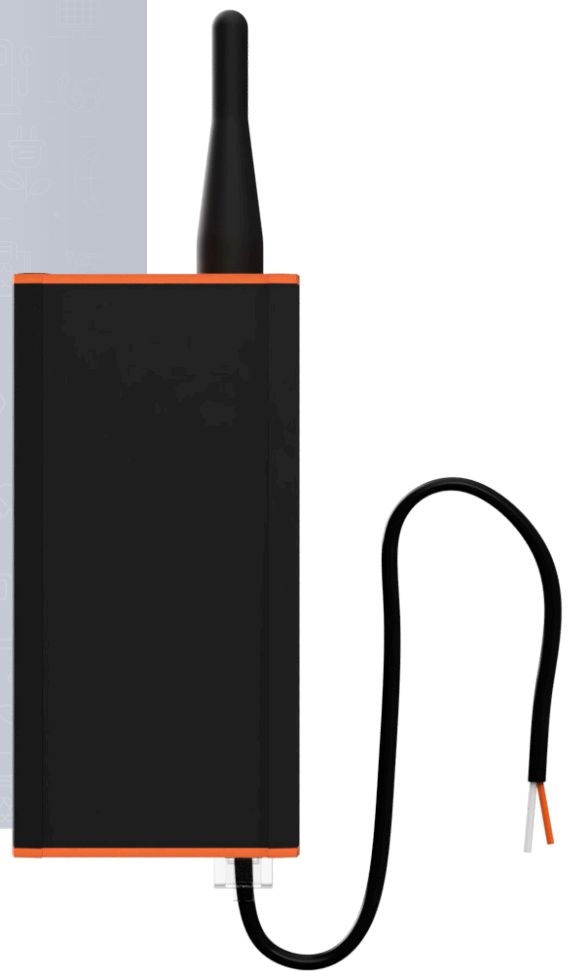


Heatsense

EOS6-HM

The EOS6-HM Heatsense sensor is designed to be connected to heat meters with a pulse potential-free output. It has one input and the main measured data is the aggregate of pulses from the heat meter. The sensor is battery-powered and transmits the measured data wirelessly via the gateway to the cloud.



Technical data

Measured data	heat consumption (direct impulse reading) [imp]
Physical dimensions	45 × 92 × 29 mm without antenna
Weight	150 g
Material	ABS plastic, Aluminium
Protection	IP20
Working conditions	-20 °C to + 60 °C, < 80 % RH (non-condensing)
Interface	open wires for potential-free REED fixed contact
Required accessories	gateway EWG6
Optional accessories	holder, external antenna
Power supply	2× exchangeable AA alkaline battery 1,5 V
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	depends on heat meter conversion constant [imp/J or kWh]
Accuracy of metering	1 imp
Range of metering	32-bit impulse counter; > 0,2 ms pulse width
Conversion constant	100, 400, 500, 600, 800, 1000, 1250, 1600, 3200, 4000, 5000, 10000