

## Gas & Water Management

## Technical datasheet



Pulse sensor



EnOcean protocol



Bridge



Ethernet | LTE (4G) | WiFi



Sensorfact software

### PULSE SENSOR

<b>Measurement</b>	<b>Sampling frequency</b> <b>Pulse unit</b> <b>Min. time between pulse on/off</b>	Cumulative pulse count on every pulse m3 (for gas and water), count (for OEE) PNP/NPN input: Symmetrical pulse 90/90 ms. Asymmetrical pulse 10/90 ms O/C input: Symmetrical pulse 60/60 ms. Asymmetrical pulse 90/10 ms
<b>Electricity</b>	<b>Power</b> <b>Battery type</b> <b>Typical battery life</b>	Battery and mains- powered (+7V to +24V) 3.6V C-size Lithium battery 3 years*
<b>Enclosure specification</b>	<b>Material</b> <b>IP rating</b> <b>Dimensions</b>	Technopolymer IP55 108 mm x 131 mm x 58 mm (approximately)
<b>Installation</b>	<b>Installation impact</b> <b>Cable entry diameter</b> <b>Calibration</b> <b>Wireless range to bridge (unobstructed)</b> <b>Operating temperature</b> <b>Environment</b>	Non intrusive Between 3mm – 6mm imp/m3 needed Up to 30 meters 0 °C to 40 °C Indoor use
<b>Production details</b>	Produced in Europe	
<b>Compliance</b>	CE approved, RoHS compliant, WEE directive compliant, FCC compliant	

*\*Based on one pulse per 3 seconds on average. If more pulses are expected, battery life may degrade.*

### BRIDGE

<b>Power specification</b>	<b>Power supply</b>	5V power adaptor
<b>Network interfaces*</b>	Ethernet WiFi LTE	10/100 ethernet interface 2.4 GHz SMA RP Multiband SMA
<b>Enclosure specification</b>	<b>Case material</b> <b>IP rating</b> <b>Dimensions</b>	Metal IP2X 162 mm x 85 mm x 28 mm (approx)
<b>Installation</b>	<b>Operating temperature</b> <b>Environment</b> <b>Sensor pairing</b>	-10 °C to 40 °C Indoor use Automatically
<b>Production details</b>	Produced in Europe	
<b>Compliance</b>	CE approved, FCC approved (Ethernet-only), RoHS compliant, WEE directive compliant	