AGUARDIO **PIPE SENSOR**

(FORMERLY REFERRED TO AS AGUARDIO LEAK SENSOR)

Data Sheet

1. Technical specifications

Features	Description
Product key features	Leak detection & water activity
Connected version features	Flush/ water flow counter, measures ambient & pipe temperature, detail leak analyses including leak categorization
Measuring intervals	Pipe and ambient temperature is monitored every 3 seconds. Once an hour the total number of toilet flushes and a temperature stamp are recorded by sensor
Leak Detection	Leak patterns (e.g. constant leaks, e.g. on/off leaks and other) for toilets are determined using unique algorithms and data analysis. Different algorithms and software versions are available. Key parameters are time plus temperature differences between the water pipe and ambient temperature
Memory Capacity (Connected version)	**When collecting data with app:** The sensor can collect up to 14 days worth of data. When the storage reaches capacity, new data cannot be collected and the sensor suspends further data logging until the storage is cleared. **When collecting data with Gateway:** Data is automatically collected twice a day
Location	Indoors
Applications	Toilet water inlet pipes, and other water pipes
Recommended Fitting	Heat conductive material metal (e.g. copper or steel pipework)
Pipe Adaptability	Pipes ranging from 8 to 25 mm
IP - rating	IP54
Water resistance	Exposure to high humidity and wet conditions can accelerate battery drain in sensors
Operating temperature range	0 to 40 °C
Product Storage Temperature	(-20) to 70 °C outside these temperatures the electronics may be at risk of damage
Battery life	Up to 10 years
Replaceable/ Rechargeable battery	No
Battery type	CR123A
Acoustic alert* (If applicable)	> 80dbm

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1 B. Technical specifications - cont.

Net weight	25 g
Measurements (with bracket)	L - 6.5 cm, W - 2.1 cm, H - 3 cm
Packing dimensions	Single-packed sensors - 9 x 2.5 x 4.5
Box quantities	Single-packed sensors can be delivered in a box of 100, measuring 27 x 25 x 20 cm. Multi-packed sensors can be delivered in a box of 40 (each sensor in a plastic bag) measuring 27 x 14.5 x 5.5 cm
Certification labels and other markings	RoHS UKCA CE ⌧ Bluetooth