CubicSecure

Smart automatic water shut off valve, flow meter and leak detector. Protects your home from damage caused by micro-leaks or broken water pipes. The compact design makes CubicSecure easy to install and even fits in water cabinets.

DATASHEET

HARDWARE SPECIFICATIONS

Power supply
5V DC, 2A, micro-USB cable (1m)
EU-plug

Weight
720 grams (excluding packaging)

Dimensions (mm)
Width: 71
Height: 85
Length: 110

Pipe connection
G20 Eurocone external thread (DN20)

Power usage (average)
~6 kWh/year (with Wi-Fi connected)

Valve open/close time
~10 seconds

CONNECTIVITY

WiFi
2.4 GHz (802.11 b/g/n)
Report interval: 1 hour

ENVIRONMENT

Environment
5 °C - 30 °C, indoor usage (not waterproof)

Area of use
Villa, terraced house, apartment

MEASUREMENT SPECIFICATIONS

Maximum flow rate
66.7 liters per minute

Flow rate accuracy
Max ±3% error

Water temperature
0.1°C - 70°C

Water temperature accuracy
Max ±2% error

Pressure
PN10

Maximum water pressure (15min)
16 Bar

Water pressure accuracy
Max ±10% error

Sampling frequency
1 Hz

LEAK DETECTION

Micro-leak
›0.3 bar pressure loss (approx. 0.00016 liters per minute)

Medium leak
›0.1 liters per minute for at least 45 minutes

Large leak
›25 liters per minute for at least 90 seconds

This datasheet may not represent the most current version. For the latest version of this document, please visit the Quandify Resource Center. Please note that the content of this datasheet may differ from the version posted on the Resource Center, and any updates or revisions will be reflected there.

Quandify