



Watasensor

Smart Shutoff Valve ShutoffValve™

Real-time shutoff valve to prevent water damage, and automatic winterize capability to prevent water meters and pipes from freezing in winter

Overview

The Shutoffvalve is a smart water sub valve that is designed to operate seamlessly with the main valve "Wasservalve". It can be remotely turned on/off under the control of the main valve via the Lora network. The combination of the main valve and sub-valves provides users with a new way to monitor water usage and critical protection against water damage. It can detect water leakage and a pipe burst in real time and instantly shut off the water supply to mitigate costly water damage. Upon detection of water leakage and pipe bust, a notification is sent over the Internet to the user's smartphones via cellular and broadband networks. It provides you peace of mind, a way to use water more efficiently, and seamlessly interacts with your Smartphones, and tablets over the Internet anytime and anywhere.

The valves have many uses, including controlling water for irrigation, industrial uses for controlling processes, and residential uses such as on/off and pressure control to dish and clothes washers and taps in the home. It's suited



Key Features

Shutoff valve

- Stainless ball valve
- Remote turn on/off via Lora network

Pipe sizes

- 3/4", 1", 1-1/4", 1-1/2"

Pipe material

- Brass

Working conditions

- Water temperature: 0~30 °C
- Working pressure: ≤1MPa
- Pressure rating: Δ P40
- Installation environment: Class B
- Electromagnetic environment: Class E1

Implementing standards

- ANSI/AWWA C715
- NSF/ANSI standard 61&372

Lora network

- 915 MHz
- Communication distance up to 3Km

Button

- Open/Close the shutoff valve manually

AC power

- Rechargeable battery backup up to 4 days

Agency listings

- FCC & CE

Free download client app from App Store and Play Store

- iOS 11 or later, compatible with iPhones or iPads



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