Radio-controlled water shut-off valve WaterControl 01

Benefits

- Immediate shutting off of the water pipe in the case of a leak
- Reduced damage after pipe burst
- Shut-off valve with modular design, removable motor and ball valve with additional screw connection for easy mounting, also if mounting space is limited

Application

For manually or remotely controlled closing and opening of a water pipe in buildings in response to an event message from the water sensors WaterSensor eco, con or BWS.

Versions

	Part no.
Water shut-off valve WaterControl 01 G¾	42570
Water shut-off valve WaterControl 01 G1	42571
Water shut-off valve WaterControl 01 G1¼	42575
Water shut-off valve WaterControl 01 G1½	42576

Blue part no. = in-stock items

Description

WaterControl 01.1 consists of a shut-off valve and a control unit with power supply and an EnOcean® wireless module. The shut-off valve features a drinking water-approved ball valve with an electric motor which is integrated in the water-carrying pipe. Two ball valves (G1 male / G1½ male) with corresponding screw connections for G¾ female and G1 female / G1¼ female and G1½ female are available. There several ways to open and close the shut-off valve in the water pipe:
Opening/closing the shut-off valve mechanically via the operating handle
Opening/closing the shut-off valve electrically via buttons at the control unit
Closing the shut-off valve via water sensors
Opening/closing the shut-off valve via EnOcean® switch
Opening/closing the shut-off valve via AFRISOhome gateway and smartphone

The control unit has a permanent wireless connection to the water sensors WaterSensor eco or WaterSensor con or WaterSensor BWS and/or the AFRISOhome gateway. An event message is triggered if the water sensors detect a leak, e.g. caused by a defective household appliance or a water pipe burst. WaterControl 01.1 can be used, for example, to shut off the water pipe to keep further water from escaping. The AFRISOhome gateway transmits alarm messages and state transition messages via WLAN to the person in charge (for example, to the owner, the facility manager, the janitor or other configured contacts).

Technical specifications

Operating temperature range

Ambient:	0/50 °C
Storage:	-10/+80 °C
Medium:	4/80 °C

Supply voltage

AC 100 – 240 V

Nominal power

Motor at standstill:	< 2 VA
Motor running:	< 5 VA

Housing

Wall mounting housing made of impact-resistant plastic (ABS)	
W x H x D:	100 x 188 x 65 mm
Weight:	430 g
Degree of protection:	IP 40 (EN 60529)

Ball valve (DVGW-tested) with motor

Weight	
G¾:	0.8 kg
G1:	0.93 kg
G1¼:	1.5 kg
G1½:	2 kg
Degree of protection:	IP 40 (EN 60529)

EnOcean® wireless

EEP:	D2-A0-01
Frequency:	868.3 – 868.3 MHz
Transmission power:	Max. 10 mW
Range:	10 – 30 m
Range:	depending on room arrangement and materials in the building

Devices to teach in

It is possible to teach in any combination of up to 40 devices
1 EnOcean® centre/gateway,
WaterSensor con (20 x),
WaterSensor eco (10 x),
WaterSensor BWS,
EnOcean® rocker switch Open/Close (10 x)