

Water valve WaterControl 01 with wireless control



- Immediate shutting off of the water pipe in the case of a leak
- Reduced damage after pipe burst

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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 or WaterSensor con.

Description WaterControl 01 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. Four versions with different connection diameters are available: connection threads G $\frac{3}{4}$, G1, G1 $\frac{1}{4}$ and G1 $\frac{1}{2}$. 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 WaterSensor eco or WaterSensor con detect a leak, e.g. caused by a defective household appliance or a water pipe burst. WaterControl 01 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, LAN and GSM 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

W x H x D: 65 x 140 x 70 mm
Weight: 800 g to 2 kg
Degree of protection: IP 40 (EN 60529)



EnOcean® wireless

Frequency: 868.3 MHz
Transmission power: Max. 10 mW
Range: 10 to 30 m (depending on room arrangement and materials in the building)

Devices to teach in

Teach in of up to 40 devices:

- 1 EnOcean® centre/gateway
- WaterSensor con
- WaterSensor eco
- WaterSensor BWS
- EnOcean® rocker switch open/close
- WWG water alarm unit in any combination



See operating instructions for detailed information on the range of the EnOcean® wireless module.

DG: G, PG: 4	Part no.	Price €
WaterControl 01 G$\frac{3}{4}$	42675	409.00
WaterControl 01 G1	42676	430.00
WaterControl 01 G1$\frac{1}{4}$	42677	461.00
WaterControl 01 G1$\frac{1}{2}$	42678	502.00