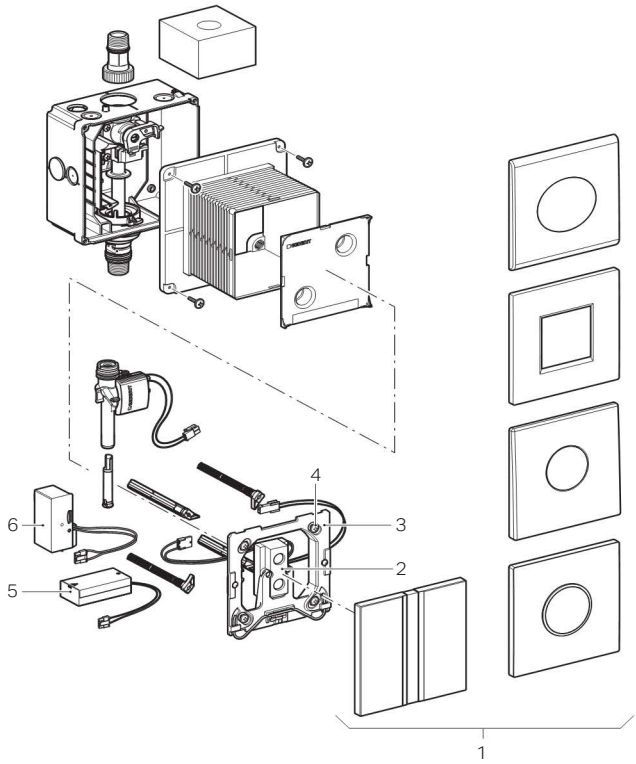
Product description

Structure



1 Cover plates with sensor window
2 Sensor electronics
3 Mounting frame
4 Locking bolt
5 Battery box
6 Power supply unit

Technical data

	Mains operation	Battery operation
Interval flush factory setting	24 h	24 h
Interval flush adjustment range	1–168 h	1–168 h
Flow rate at 1 bar with/without flow limiter	0.3/0.24 l/s	0.3/0.24 l/s
Maximum test pressure water	16 bar	16 bar
	1600 kPa	1600 kPa
Maximum test pressure air/inert gas	3 bar	3 bar
	300 kPa	300 kPa
Detection time factory setting	7 s	7 s
Detection time adjustment range	3–15 s	3–15 s
Nominal voltage	110–240 V AC	–
Mains frequency	50–60 Hz	–
Battery type	–	Alkaline manganese battery 1.5 V (AA)
Alkaline manganese battery service life	–	~ 2 years
Power consumption	< 0.5 W	< 0.5 W
Protection degree	IP45	IP45
Operating voltage	4.5 V DC	3 V DC
Flush time factory setting	4 s	4 s
Flush time adjustment range	1–15 s	1–15 s
Relative humidity	< 100%	< 100%
Operating pressure	1–8 bar	1–8 bar
	100–800 kPa	100–800 kPa
Maximum operating temperature water	30 °C	30 °C

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Operation

Actuating the flush

The electronic flush actuation takes place by means of infrared user detection. The user detection range starts approx. 50 cm in front of the sensor window.
After a minimum detection time of 7 seconds, a flush is actuated when the user leaves the detection range.

Rectifying malfunctions

Malfunction	Cause	Rectification
No flush actuation	Water supply valve is closed	▸ Open the water supply valve
	No pressure in water net	▸ Test the water pressure
	No mains voltage, green LED on power supply unit does not light up (mains-operated flush controls)	▸ Test power supply (fuse in electrical distributor)
	Battery voltage low (battery-operated flush controls)	▸ Replace the batteries, see "Maintenance"
	Sensor window is dirty	▸ Clean sensor window
	Sensor window is scratched	▸ Contact a skilled person
	Unknown error	▸ Contact a skilled person
Flush runs continuously	Sensor electronics are defective	▸ Contact a skilled person
	Solenoid valve is defective	▸ Contact a skilled person
Flush actuates unintentionally	Sensor window is dirty	▸ Clean sensor window
	Sensor window is scratched	▸ Contact a skilled person
	Sensor windows are affected by influences in the room (mirrors, metal surfaces, etc. on the wall opposite)	▸ Contact a skilled person
Urinal ceramic is not being flushed out sufficiently	Flush time set incorrectly	▸ Increase flush time, see "Maintenance"
	Throttle is not open sufficiently	▸ Contact a skilled person
Flush water is splashing out from the urinal ceramic	Excessive flow rate	▸ Contact a skilled person

Maintenance

Structure of this document

Illustrations for this chapter are shown at the end of this document. References to the corresponding illustration sequences are shown as follows:

Maintenance interval

The following maintenance work is required as necessary or at the specified intervals at the latest:

Maintenance	Interval
Clean the surface of the cover plate	Weekly
Clean the urinal ceramic	Daily
Replace batteries	When the battery indicator lights up
Have the basket filter cleaned by a skilled person	At least every 2 years

Activating cleaning mode

Activate cleaning mode with the Geberit Service Handy or the Geberit Clean Handy. To clean the urinal ceramic and the cover plate, suppress the flush actuation for a few minutes.

Cleaning

Clean the cover plate and sensor window with a mild, liquid cleaning agent.

Aggressive and scouring cleaning agents may damage the surface of the cover plate and sensor window. Never use aggressive cleaning agents that contain chlorine or are acidic, abrasive or corrosive.

Replacing batteries

Used batteries are displayed as follows:

LED in the sensor window	Meaning
Flashing	Battery voltage is low, flush still actuates
Lights up	Battery is dead, flush no longer actuates

Prerequisite

Two new alkaline manganese batteries of type AA, 1.5 V, are ready.

1 Remove the cover plate.

2 Replace the batteries.

Remove the battery box and disconnect the cables.

Replace the batteries.

Do not dispose of batteries in domestic waste.

Connect the cables and install the battery box.

3 Mount the cover plate.

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Setting the flush time

1 Remove the cover plate.

2 Set flush time.

Battery-operated flush control:
Remove the battery box and disconnect the plug connection. Reconnect the plug connection after at least 20 seconds.

Mains-operated flush control:
Remove the mounting frame.

Mains-operated flush control:
Disconnect the plug connection from the power supply unit and plug it in again after at least 20 seconds.

Within 5 seconds, hold your hand immediately in front of the flush control. The new flush time corresponds to the amount of time your hand is held there (maximum of 15 seconds). The flushing process is actuated when your hand is removed.

Result
The flush time that has just been set is confirmed by flashing. Number of flash pulses = flush time in seconds.

3 Mount the cover plate.

Disposal

Constituents

This product meets the requirements of Directive 2011/65/EU RoHS (restriction of the use of certain hazardous substances in electrical and electronic equipment).

Disposal of waste electrical and electronic equipment

In accordance with Directive 2012/19/EU (WEEE-II), manufacturers of electrical equipment are obliged to take back old equipment and to dispose of it appropriately.
The symbol indicates that the product cannot be disposed of with non-recyclable waste. Old equipment should be returned directly to Geberit, where it will be disposed of appropriately.
Please contact your responsible Geberit sales company for addresses to which equipment can be returned.