INT

Instructions for Use

Flush plate Visign for Public 6

for concealed cistern 2H

Model
8326.15

Year built (from)
10/2012

Table of contents

1 About these instructions for use

1.1 Target groups

The information in this instruction manual is directed at the following groups of people:

- Heating and plumbing experts and trained personnel
- Qualified electricians
- Operators
- Consumers

Individuals without the abovementioned training or qualification are not permitted to mount, install and, if required, maintain this product. This restriction does not extend to possible operating instructions.

The installation of Viega products must take place in accordance with the general rules of engineering and the Viega instructions for use.

1.2 Labelling of notes

Warning and advisory texts are set aside from the remainder of the text and are labelled with the relevant pictographs.

DANGER!
This symbol warns of possible life-threatening injury.

WARNING!
This symbol warns of possible serious injury.

CAUTION!
This symbol warns of possible injury.

NOTICE!
This symbol warns of possible damage to property.

This symbol gives additional information and hints.

1.3 About this translated version

This instruction for use contains important information about the choice of product or system, assembly and commissioning as well as intended use and, if required, maintenance measures. The information about the products, their properties and application technology are based on the current standards in Europe (e.g. EN) and/or in Germany (e.g. DIN/DVGW).

Some passages in the text may refer to technical codes in Europe/ Germany. These should serve as recommendations in the absence of corresponding national regulations. The relevant national laws, standards, regulations, directives and other technical provisions take priority over the German/European directives specified in this manual: The information herein is not binding for other countries and regions; as said above, they should be understood as a recommendation.

2 Product information

2.1 Standards and regulations

The following standards and regulations apply to Germany / Europe and are provided as a support feature.

Regulations from section: Fields of application / Mounting conditions

Scope / Notice	Regulations applicable in Germany
Protection area for installation of the mains adapter in shower and bath rooms	VDE 0100-701

Regulations from section: Technical data

Scope / Notice	Regulations applicable in Germany
Electrical approvals	EN 60950
Electrical approvals	EN 60335
Electrical approvals	EN 61558

2.2 Safety advice

DANGER!
Danger due to electrical current

An electric shock can lead to burns and serious injury and even death.

- Work on the electrical system may only be carried out by trained electricians.
- Switch off the mains voltage before connecting the power pack.

2.3 Intended use

2.3.1 Areas of application

A flush plate with infrared sensor in public or barrier-free sanitary rooms offers a practical and hygienic possibility to actuate a flush for users and carers. In addition, there is the possibility to connect radio controlled or cabled sensors to the electronic flush actuation, so that e. g. carers can actuate the flush from a convenient position, without having to be in the vicinity of the infrared sensor.

An electrical connection must be planned for the electronic actuation in the area of the cistern when planning.

Only the large flush volume can be actuated with electronic actuation.

Viega Hygiene function

Flushes can be actuated at certain times via the Viega Hygiene function to prevent stagnation in the potable water pipelines.

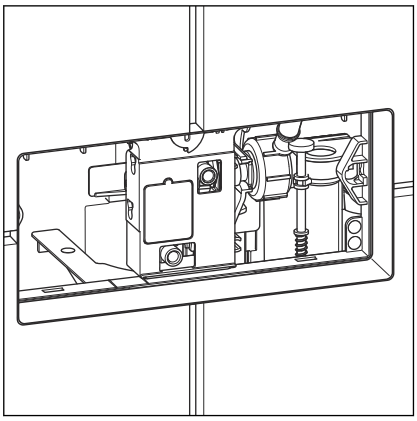
Suitable cisterns

The flush plate is intended for touchless flush actuation of flushes on Viega concealed cisterns.

Installation is only possible in the following Viega concealed cisterns:

- Cistern model 2H

Ascertain which model is installed before mounting. The following information will help you to determine the model of the cistern installed:



Cistern 2H

The inspection shaft of this cistern is found at a height of approx. 1 metre on the front.

2.4 Product description

2.4.1 Overview

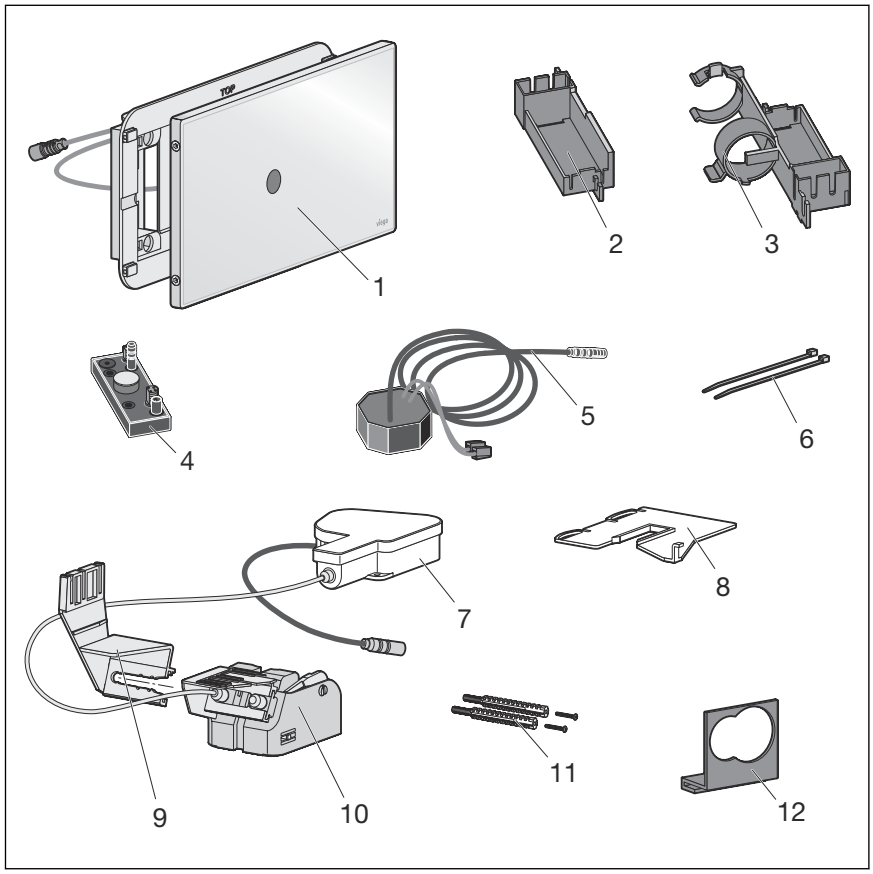


Fig. 1: Scope of delivery

1 Flush plate
2 Holder for control (for cistern 2H)
3 Holder for control (for cistern 1F)
4 Control
5 Mains adapter 230 V
6 Cable tie
7 Drive unit
8 Fixing panel for motor (for cistern 2H)
9 Holder for motor (for cistern 1F)
10 Bowden cable unit
11 Fixing set for flush plate (with threaded bolts and screws, two of each)
12 Holder for battery compartment

2.4.2 Technical data

The product has the following technical data:

Flush volume

Depending on the setting (*'Settings for the infrared sensor' on page 14*), the **infrared sensor** automatically selects between the small or large flush volume.

If the external sensor (e. g. a remote button on the handle) offers two activation options, the **electronic actuation** can be used to select between the large or small flush volume.

Detection area

Close range	0–30 mm
Far range	450–550 mm

Electronics

Input (mains adapter)	100–240 V AC, 50–60 Hz, 180 mA
Output (mains adapter)	6.5 V DC, 920 mA

Electrical approvals see section *'Regulations from section: Technical data' on page 5*.

Hygiene function

Intervals	24 / 72 / 168 hours
Hygiene flush volumes	3 / 6 / 9 litres

2.4.3 Operating mode

Electronic actuation of a flush

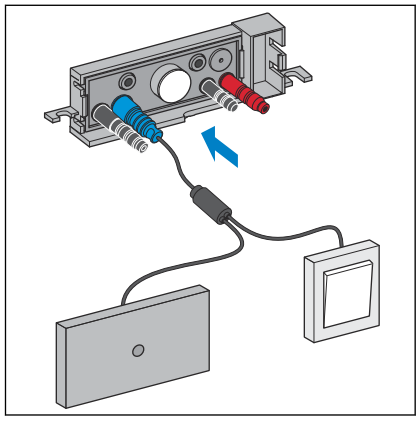


Fig. 2: Actuation of the flush via an external sensor

A signal is sent to control the flush actuation through an external sensor, e. g. a button or photo sensor.

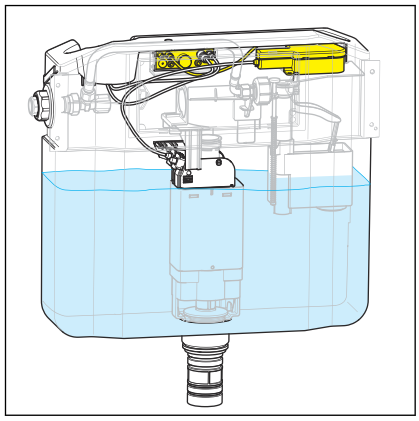


Fig. 3: Signal transmission from the control to the motor

The control transmits the electronic signal to the drive unit.

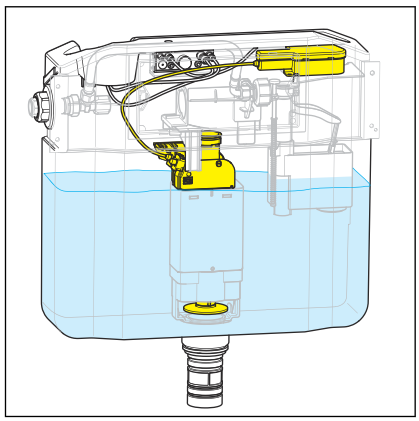


Fig. 4: The motor operates the Bowden cable

The motor opens the drain valve via the Bowden cable.

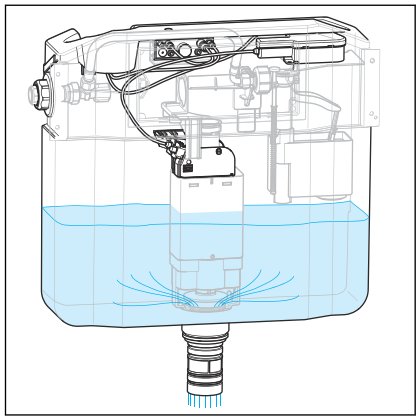
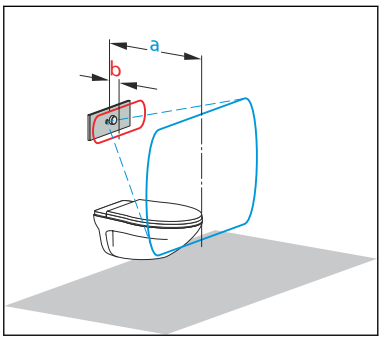


Fig. 5: The water flows into WC via the open drain valve

As long as the drain valve is open, the set flush volume will flow into the WC.

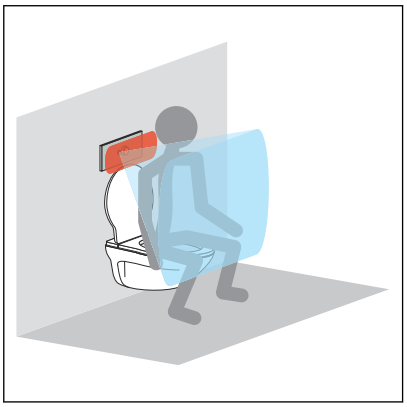
Infrared actuation

Flush actuation takes place without contact via an infrared sensor on the flush plate. This sensor differentiates between a close and a far range.



a: Far range (blue) 450–550 mm

b: Close range (red) 0–30 mm



A flush can be actuated by holding a hand in front in the close range.

If a person stands in the long-distance range for more than 8 seconds, the flush actuation using the close range is automatically deactivated. This prevents an unwanted flush actuation.

After the flush is actuated, the close range sensor can then be used to actuate a second flush by hand.

If a person leaves the far range, a flush is automatically actuated.

If the long range is left within a definable time frame (30, 60 or 90 seconds), the small flush volume is used. If a person stays for longer, a flush with the large flush volume takes place.

After use, an additional flush cycle can be actuated through the close range sensor.

Viega Hygiene function

Stagnation can lead to the build up of germs (e.g. legionella) in potable water pipes. It is important to rinse the pipeline regularly to prevent the build up of bacteria. The Viega Hygiene function was developed for this reason.

Flushes can be actuated at certain times with the Viega Hygiene function. Interval and flush volume will be set as required and saved by the control. All settings remain saved during a power cut.

2.4.4 System expansions

The system's range of functions can be expanded through the connection of accessories onto the control.

Redundant power supply

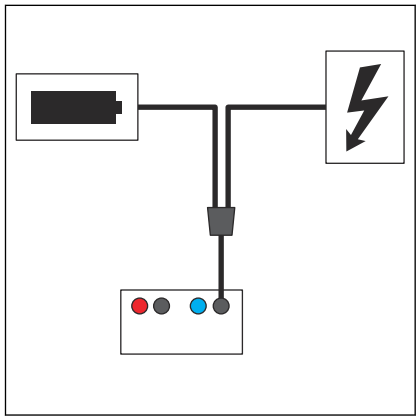
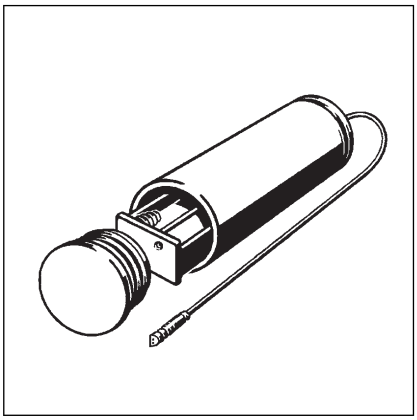


Fig. 6: Connection of the redundant power supply

To create a redundant power supply with an additional battery compartment as shown, you will need the following accessories:



The battery compartment can be connected for a redundant power supply using the adapter model 8355.91. The battery compartment is included in the adapter's scope of delivery.

Additional external sensors

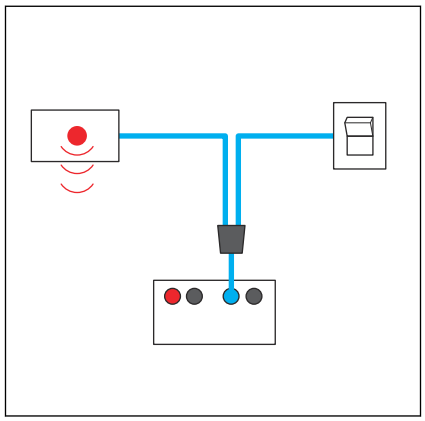
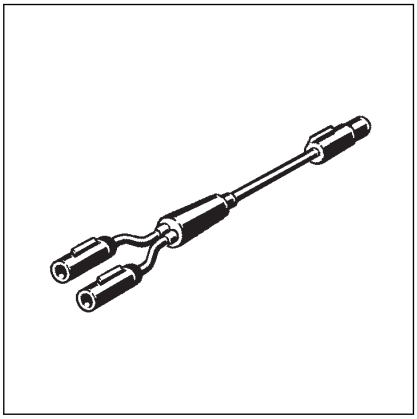


Fig. 7: Connection of an external button

One requires the following accessories to be able to connect an additional external sensor as shown:



With the extension cable adapter model 8350.36, an additional sensor can be connected to the infrared sensor.

Additionally required: 1 connection cable sensitive.

Buttons, switches or photo sensors for actuating the flush can be connected to the control on site via the connection cable sensitive model 8355.90.

Additional radio controlled actuation

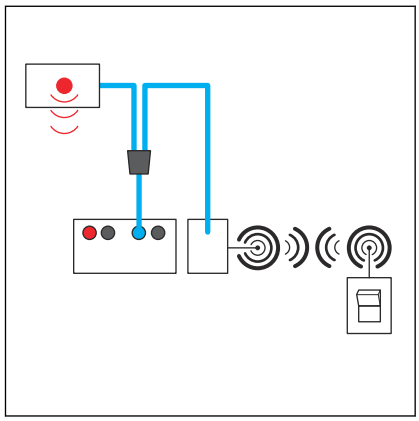
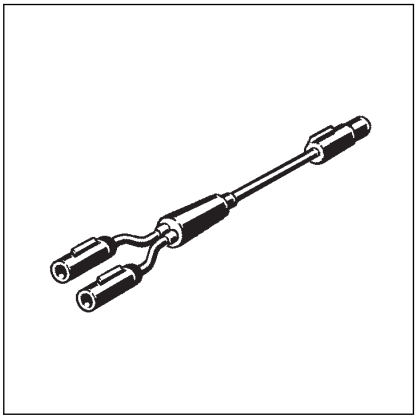
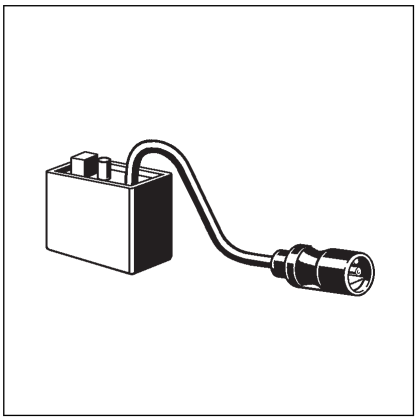


Fig. 8: Connection of radio controlled actuation

One requires the following accessories to be able to connect the infrared sensor alongside a radio controlled actuation as shown:



With the extension cable adapter model 8350.36, an additional sensor can be connected to the infrared sensor.



Signals to actuate the flush (e. g. on support hinged handles) sent by HEWI radio transmitters can be received by the radio receiver model 8350.35.

2.4.5 Setting options

Settings for the infrared sensor

Range of the infrared sensor

The close range is set at 0 to 3 cm.

The far range can be set as follows:

- close range (approx. 450 mm)
- medium range (approx. 500 mm) (factory setting)
- far range (approx. 550 mm)

Differentiation of small and large flush volume

The differentiation between small and large flush volume takes place automatically depending on how long the WC is used. The differentiation is deactivated in the factory settings.

The following settings are possible:

- Differentiation of small and large flush volume deactivated. This setting is the factory setting.
- Large flush volume in the case of use of longer than 30 seconds. In the case of shorter use the small flush volume is used.
- Large flush volume in the case of use of longer than 60 seconds. In the case of shorter use the small flush volume is used.
- Large flush volume in the case of use of longer than 90 seconds. In the case of shorter use the small flush volume is used.

Lid in front of sensor

This setting is for the case that an open lid covers the sensor. The function is deactivated in the factory settings. If the function is activated, a flush cycle is actuated as soon as the lid is removed from the sensor zone.

However, during planning, we still recommend that the lid is not placed in front of the sensor in order to ensure the device works perfectly.

Flush settings

Flush volume

This criterion relates exclusively to the flush volume for flush cycles actuated electronically. The flush volume for hygiene flushes is set separately.

The following settings are possible:

- Small flush volume 3 litres, large flush volume 4.5 litres
- Small flush volume 3 litres, large flush volume 6 litres (factory setting)
- Small flush volume 4 litres, large flush volume 9 litres

Interval (Viega Hygiene function)

The following settings are possible:

- Hygiene function deactivated (factory setting)
- Hygiene flush 24 hours after the last use
- Hygiene flush 72 hours after the last use
- Hygiene flush 168 hours after the last use

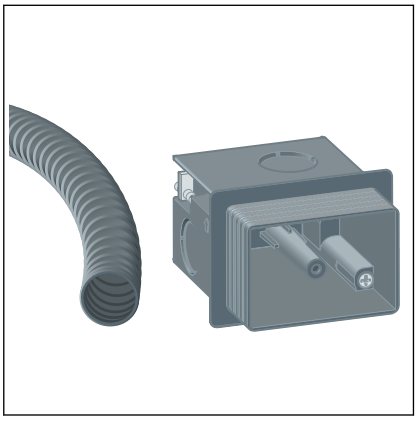
Hygiene (Viega Hygiene function)

The following settings are possible:

- Hygiene flush volume 3 litres (factory setting)
- Hygiene flush volume 6 litres
- Hygiene flush volume 9 litres

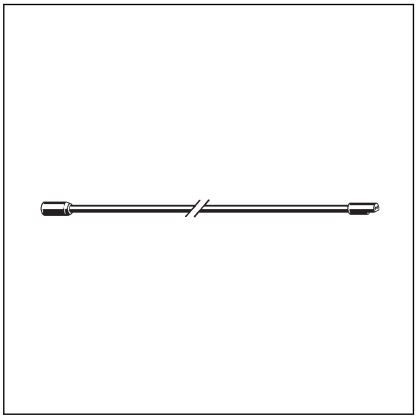
2.5 Accessories

Optional accessories



Installation set

The set model 8350.14 contains a hollow wall socket to house the mains adapter and an conduit pipe with the right clip to connect the cistern (2H, 1F and Standard 2S).



Extension cable

2 metre cable model 8352.690 for the extension of the power supply to a maximum of 4.75 metres in length.

3 Handling

3.1 Assembly information

3.1.1 Mounting conditions

The model may only be used for the models mentioned in *Chapter 2.3.1 'Areas of application' on page 6*.

Installation position of the power pack

The power pack should be mounted in an easily accessible place to allow subsequent access.

Before beginning to tile, a concealed socket should be installed for the power pack with protective pipe to the cistern (installation set *'Optional accessories' on page 16*).

If necessary, the power pack cable can be extended to a length of 4.75 metres (two extension cables *'Optional accessories' on page 16*).

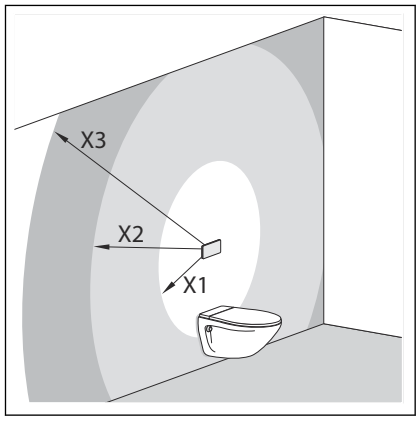


Fig. 9: Installation position of the power pack

X1 max. 0.75 m
X2 max. 2.75 m with an extension cable (article number 628 505)
X3 max. 4.75 m with two extension cables (article number 628 505)

An extension of the mains supply by more than 5 metres can lead to a situation in which the power is not sufficient to actuate the flush.

Protected zone

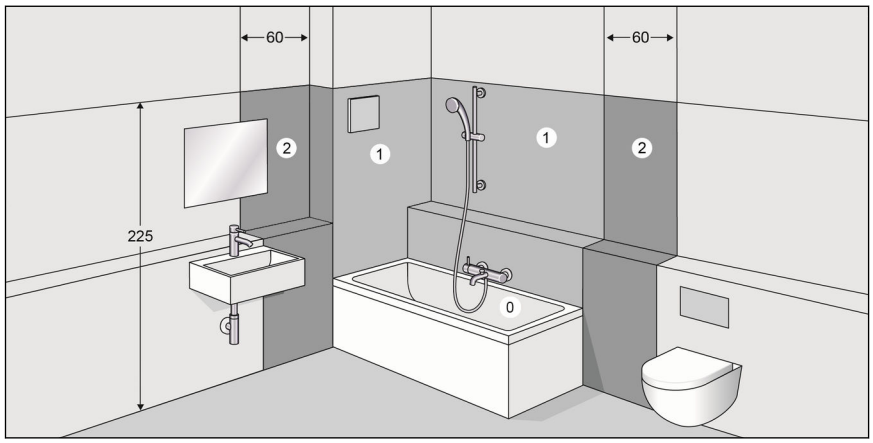


Fig. 10: Protected zones

According to the applicable regulations, installation of the power pack in the protected zones 0 and 1 of shower rooms and bathrooms is not permitted, see *'Regulations from section: Fields of application / Mounting conditions' on page 5*.

Viega recommends installing the power pack outside of the protected zones 0–2.

External sensors (optional)

If external sensors are to be connected to the control, their connection cables or empty pipes must be laid in the cistern before tiling is begun.

3.1.2 Required material and tools

Material

The following material is required for mounting:

- If necessary, empty pipe from power pack into the cistern
- If necessary, accessories for the extension of the system *Chapter 2.4.4 'System expansions' on page 12*

Tool

The following tools are required for mounting:

- Flat-blade screwdriver
- Torx screwdriver (T 10)
- Fork spanner (size 19)
- Blade (cutter)

3.2 Assembly

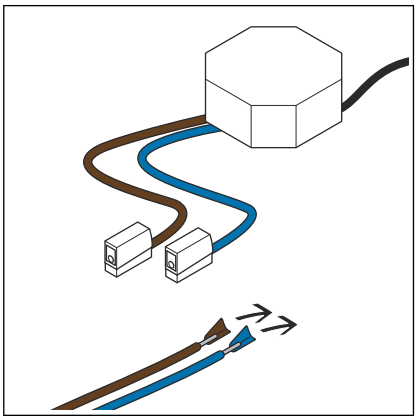
3.2.1 Mounting the power pack

DANGER!
Danger due to electrical current
An electric shock can lead to burns and serious injury and even death.

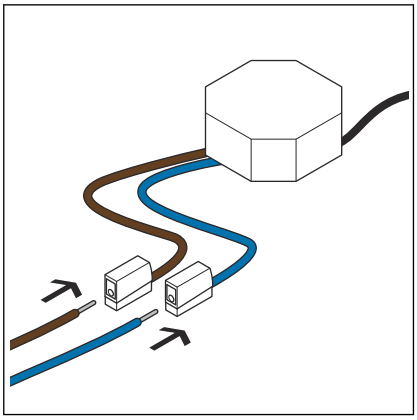
- Only allow electrical work to be carried out by qualified electricians.
- Always de-energise the connection cable before work is commenced.

Requirements:

- A 230 V mains connection is available on site.
- The installation position of the power pack complies with the requirements in acc. with *'Installation position of the power pack' on page 17*.
- The connection cable is de-energised.



▶ Remove approx. 1 cm of the insulation on the connection cable.



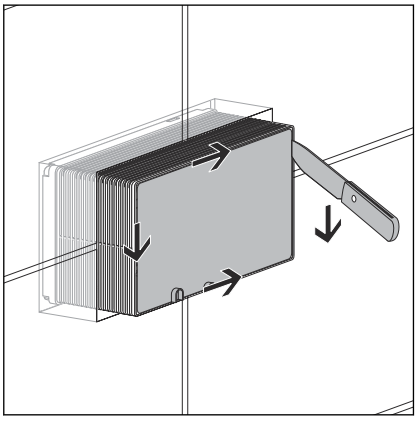
▶ Push the connection cable into the terminals.

3.2.2 Preparing the installation

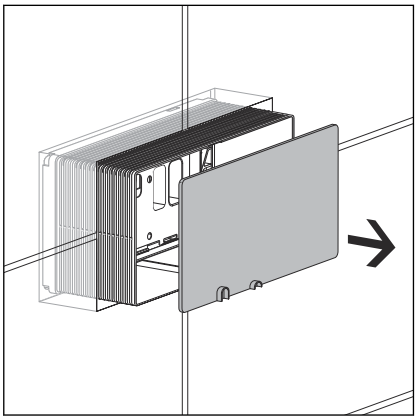
The following work stages and diagrams differ depending on the cistern being used. The relevant steps are marked accordingly.

Requirements:

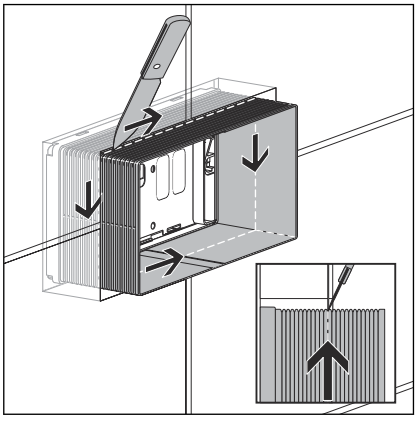
- The cistern is fitted into the pre-wall.
- If external sensors are to be connected, the cables must be laid through to the cistern.
- The electrical connection is laid all the way into the cistern.
- The pre-wall is tiled.



▶ Cut into shaft cover.

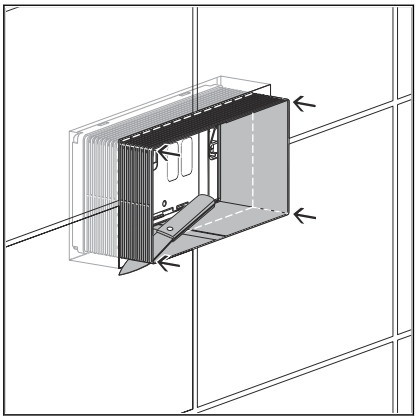


▶ Remove shaft cover.

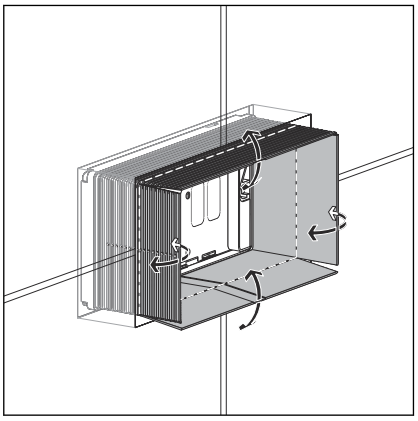


▶ Score the revision shaft along the edge of the tiles with a knife.

Angle the knife to do this so that the cut is made flush to the surface of the wall.

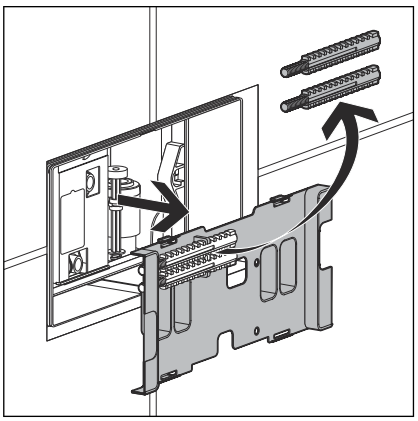


- Cut the corners of the revision shaft vertically through to the wall surface.

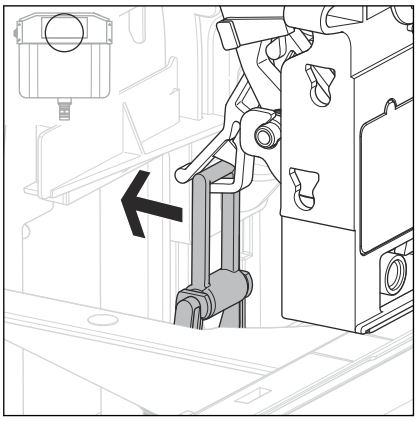


- Bend out and pull down the sides of the revision shaft.

  The edge of the revisions shaft must be flush with the wall surface.

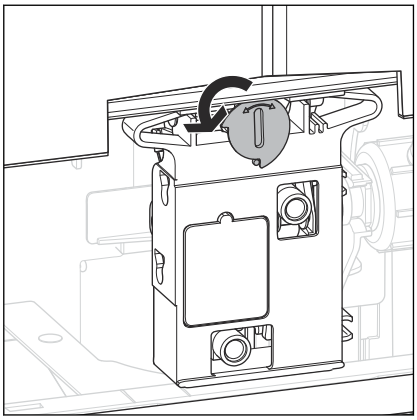


- Remove cistern cover.
- Remove and keep the threaded bolts from the cistern cover.
- Dispose of cistern cover.

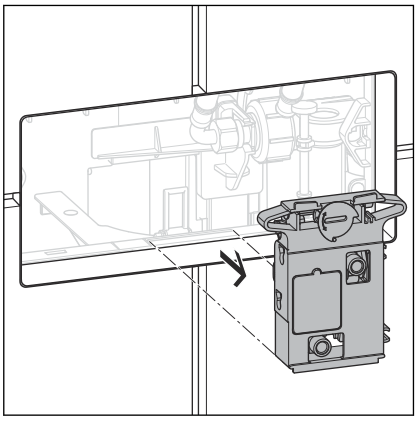


INFO! Only for assembly of the flush plate in cistern 2H.

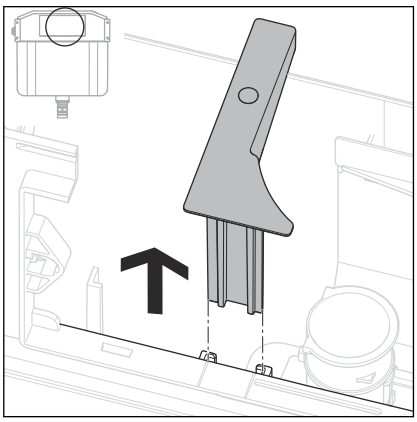
- Press the bow backwards from the mounting of the mechanism.



- Turn the mechanism's lock by 90° in an anti-clockwise direction.
  - The mechanism is unlocked and can be removed.

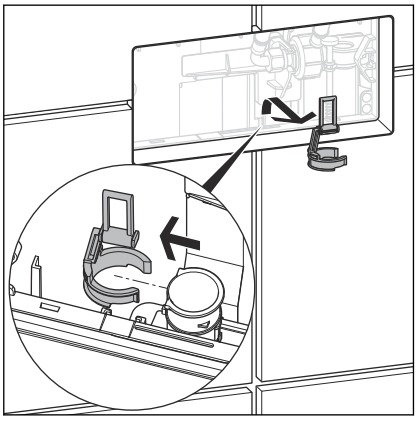


- Remove and dispose of mechanism.



INFO! Only with the cistern 2H.

- Remove and keep spacer.

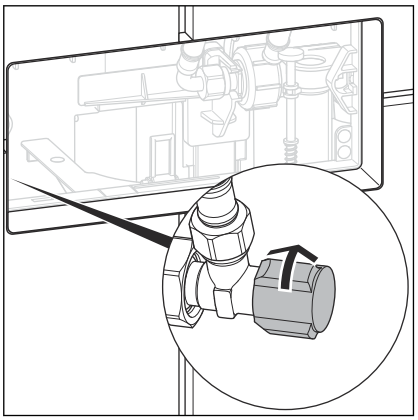


- Remove and dispose of the bow from the drain valve.

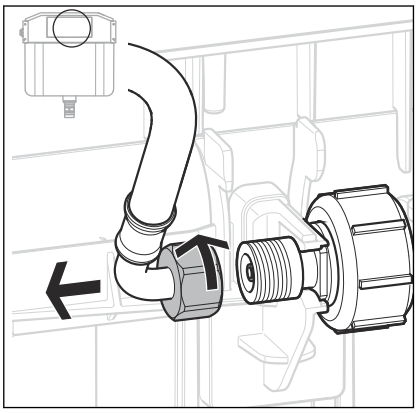
3.2.3 Mounting the flush actuation (cistern 2H)

Requirements:

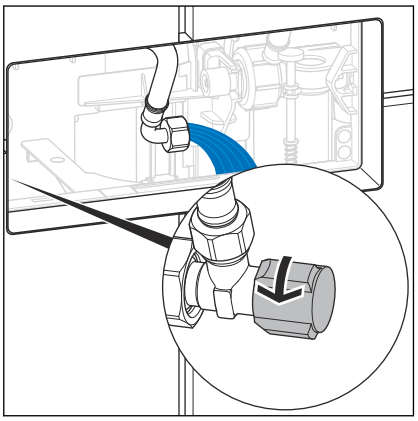
- The inspection shaft is shortened in such a way that it is flush with the upper edge of the tiles.
- Mechanism, bow and spacer are removed.



▶ Close corner valve.



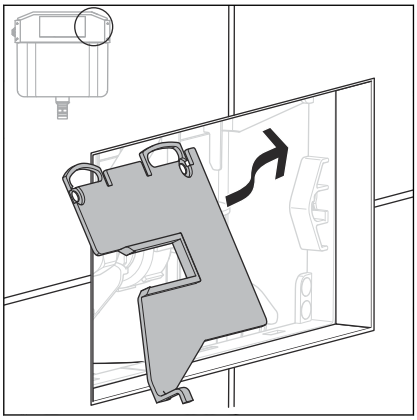
▶ Loosen flexible hose on the filling valve (size 19).



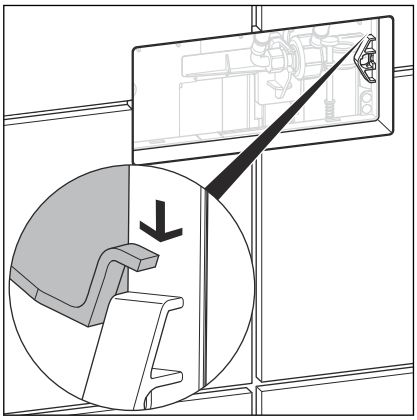
▶ Open the corner valve for a few seconds to rinse the pipe.

▶ Re-close corner valve.

Mounting the drive unit

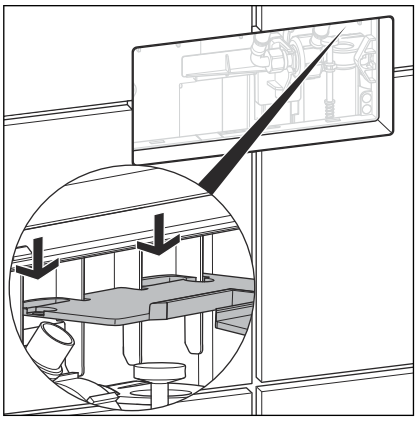


- Lead the panel into the cistern at an angle.



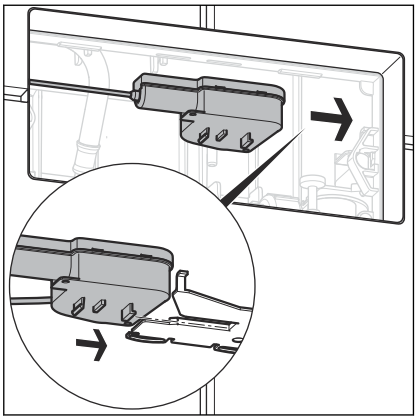
- Align the right side of the holding panel with the shaft frame of the cistern.

  The hook on the right side of the holding panel must be positioned on the projection of the shaft frame.



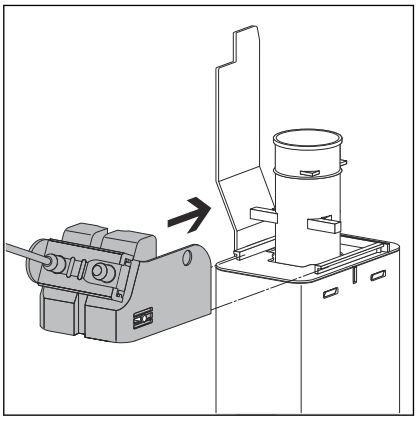
- Align the holding panel horizontally.

  The bow on the left side of the holding panel must be firmly positioned between the vertical fins of the back wall.



- Push the drive unit onto the holding panel.

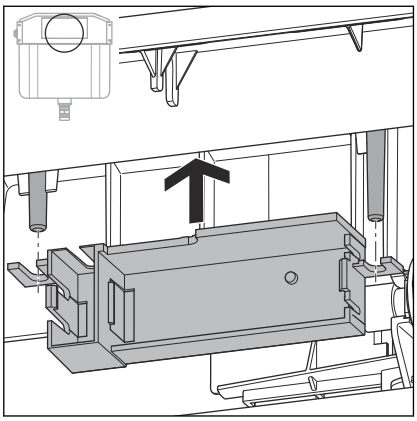
  The drive unit must be secure in the guiding rail.



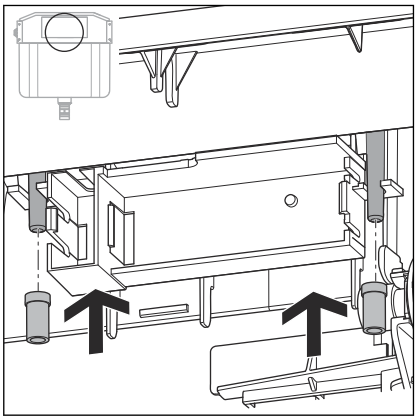
- Push the Bowden cable unit onto the drain valve from the left.

  The Bowden cable unit must be felt to click into place on the drain valve.

Mounting the holder for control



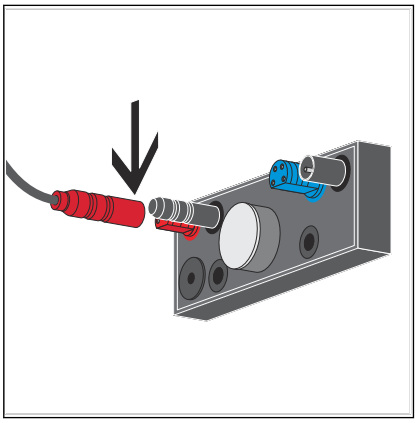
- Position the holder on the domes.



- Push rubber plugs onto the dome to secure the holder.

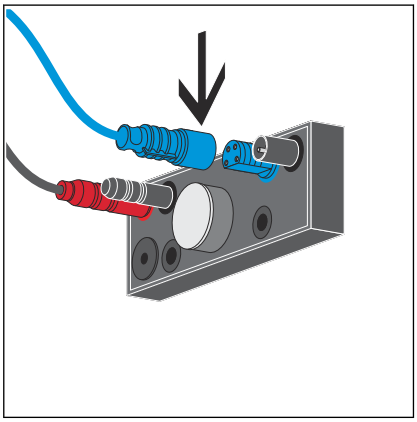
Connecting the control

Observation of the prescribed connection sequence is required. The power supply must always be connected last, to ensure that all of the connected components function.



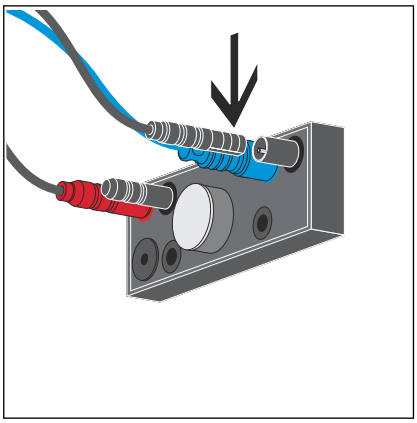
INFO! Mounting is much easier if the plug is inserted into the control outside of the cistern.

- Connect the red plug of the Bowden cable unit motor to the red connection of the control.



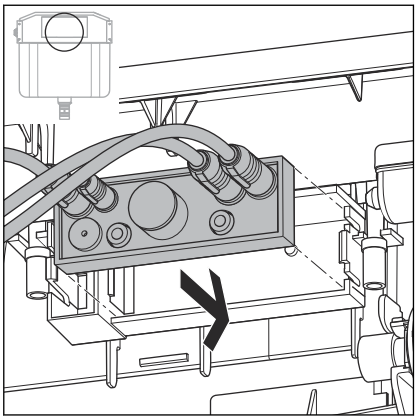
- Connect the blue connection cable from the sensor to the blue connection of the control.

  Also observe section *Chapter 3.2.5 'Connecting external sensors' on page 33*.



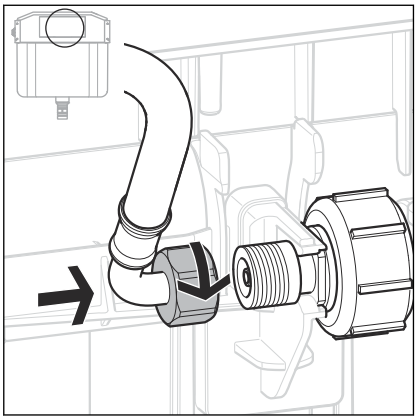
- Connect the black cable of the power supply to the outer right connection of the control.

  INFO! Settings for the control can also already be made at this point. The programming set is easier to connect if the control is not yet installed in the cistern. *Chapter 3.3 'Commissioning' on page 34*

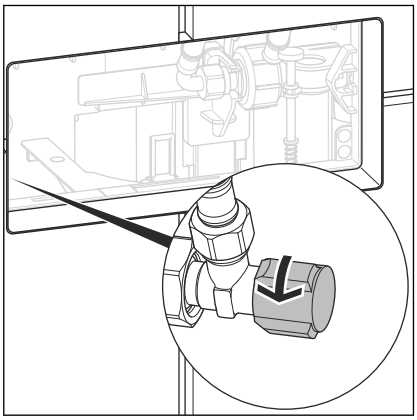


- Insert the control into the bracket in the cistern.
- Fit the cable into the upper part of the cistern and fix with the cable ties supplied. The cable must not obstruct any moving parts in the cistern.

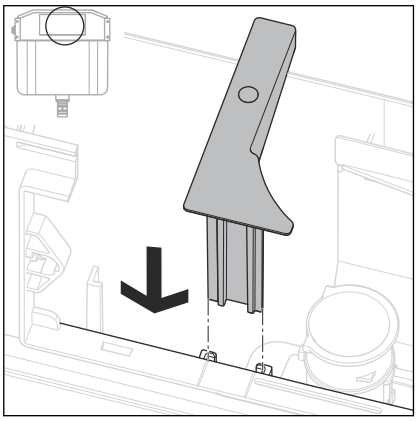
Connecting the water supply pipe



- Connect the flexible hose to the filling valve.

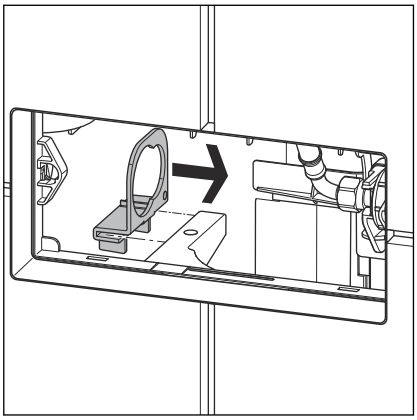


- Open corner valve.

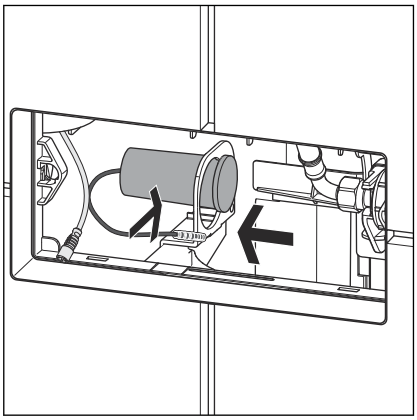


- Insert spacer.

Mounting the battery compartment (optional)



- Push the holder for the battery compartment onto the spacer from the left.



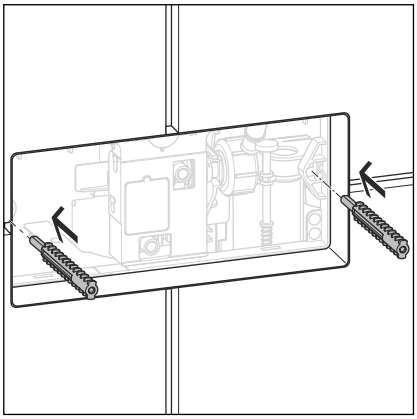
- Push the battery compartment through the large opening into the holder.
- Push the battery compartment into the smaller opening.

  The battery compartment must be clicked into place directly behind the cover in the holder.

3.2.4 Mounting the flush plate

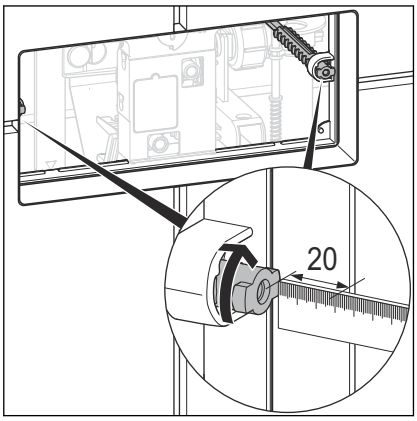
Requirements:

- The flush actuation has been mounted.
- The battery compartment has also been mounted.
- The control has been connected and set.

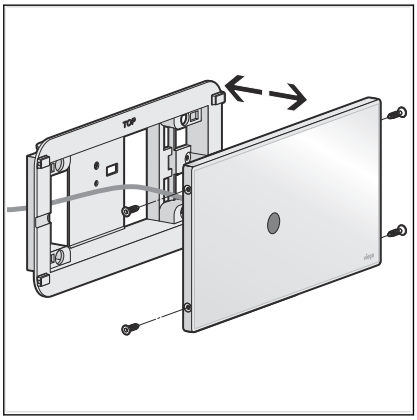


- Insert the threaded bolts left and right into the holders.

  The threaded anchors must be positioned to the top and bottom.

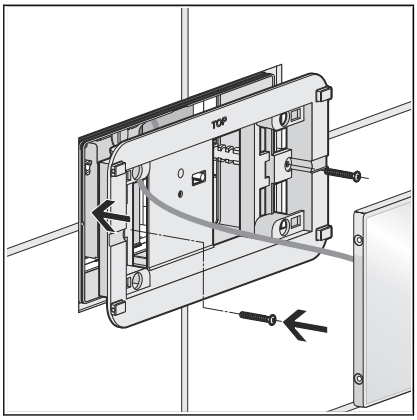


- Insert the threaded bolts so deeply that the upper edge of the threaded bolt sticks out approx. 20 mm behind the upper edge of the tiles.
- Fasten threaded bolts with a 90° turn.

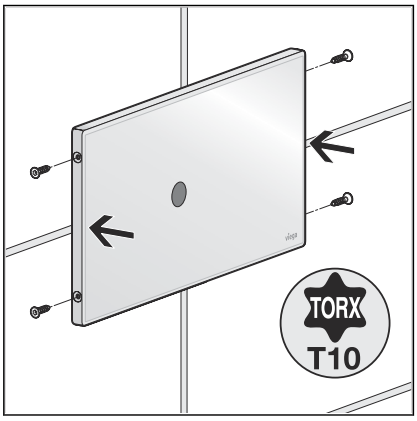


- Remove the installation frame from the flush plate.

  Carefully lead the installation frame along the connection cable.



- Insert the installation frame into the revision shaft.
- Secure the installation frame into the threaded bolts on the left and right hand side with the screws.



- Mount flush plate.
- Secure the flush plates from the right and left hand side using two screws on each side.

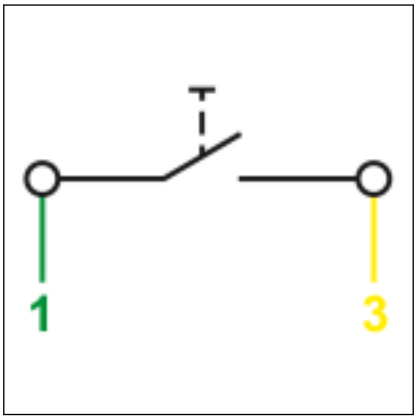
3.2.5 Connecting external sensors

NOTICE!
Damage to property due to excess voltage
If you apply voltage to the connection cable for the external button, you will damage the control.

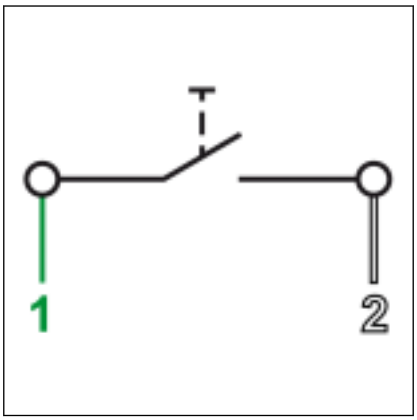
- Do not apply any external voltage!

Requirements:

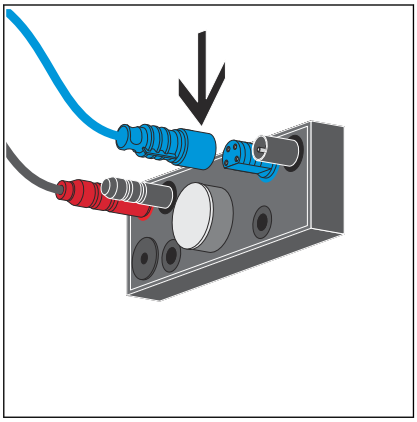
- Button with locking function or potential-free contact (closure time at least 350 ms) available
- Connection cable model 8355.90 available



- Connect the contact to actuate the small flush volume between the green (1) and yellow cable (3).



- Connect the contact to actuate the large flush volume between the green (1) and white cable (2).
- Strip the end of the brown cable (e.g., with a lustre terminal).



- Connect the connection cable to the control.
- Continue with the mounting of the flush plate. See ***Chapter 3.2.4 'Mounting the flush plate' on page 31***.

3.3 Commissioning

3.3.1 Setting the infrared sensor

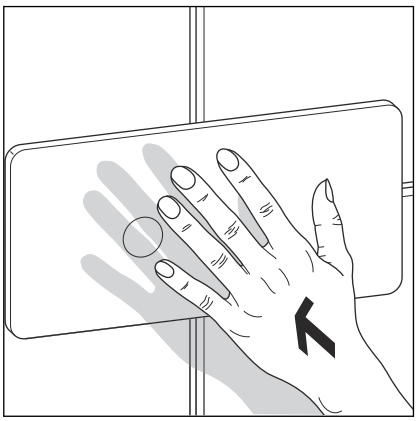
Programming block

Programming the control can be carried out for 30 minutes after the supply voltage is applied. The control returns to normal operation after 30 minutes – programming is now blocked. If the settings have to be changed after this time, the control must be disconnected from the power supply for at least 10 seconds.

Observe the following features during programming:

- Only one value can be set per programming step.
- The settings are retained, even if there is an interruption in the power supply.
- The programming procedure can be interrupted without changing the settings by covering the infrared sensor until the flashing signal has stopped for more than 2 seconds.

Programming the settings



Requirements:

- The control programming block is not active.

▶ Cover infrared eye (e. g. with a finger or a hand).

▷ The diode blinks twice after 10 seconds. Settings mode has been activated. The first blinking signal is given after a further 5 seconds. The first setting is active.

- Remove hand to enable setting.

  The following values can be set by removing the hand:

Remove hand after	Setting
1st blinking signal	long range set to small coverage
2nd blinking signal	long range set to medium coverage (factory setting)
3rd blinking signal	long range set to large coverage
4th blinking signal	Differentiation flush volume, small/large: OFF (factory setting)
5th blinking signal	large flush volume after use of longer than 30 seconds
6th blinking signal	large flush volume after use of longer than 60 seconds
7th blinking signal	large flush volume after use of longer than 90 seconds
8th blinking signal	"WC lid in front of sensor": ON
9th blinking signal	"WC lid in front of sensor": OFF (factory setting)

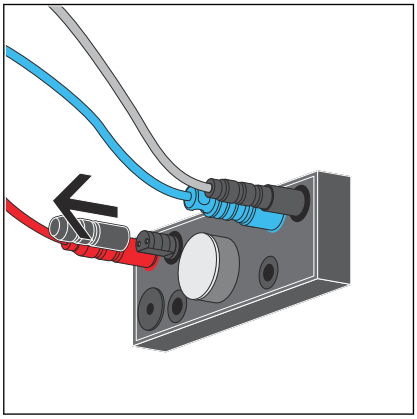
  - The diode flashes twice to confirm the setting has been successfully changed.

3.3.2 Setting the flush

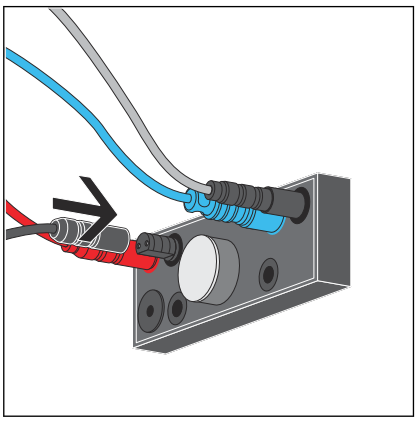
Setting the flush volume

Requirements:

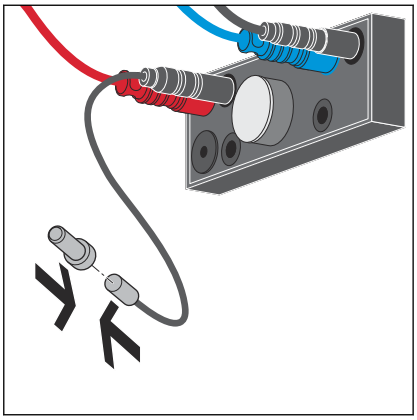
- The revision shaft is open and the control can be accessed.
- The programming lock of the control is not active *‘Programming block’ on page 34*.
- The programming set is available.



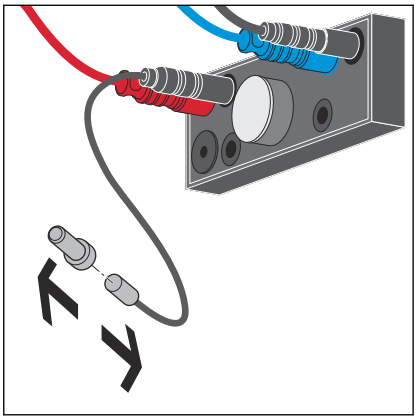
▶ Remove the protective cap of the programming connection from the control.



▶ Connect the cable of the programming contact to the control.



- Hold the magnetic key over the programming contact.
  - In the following, signals sound to show which setting is active.

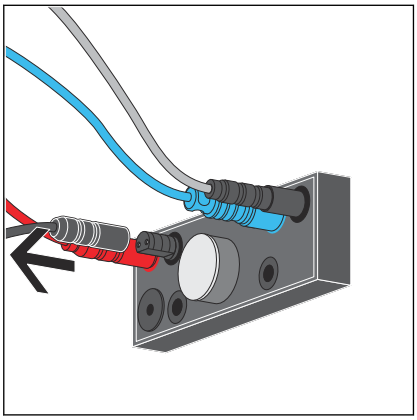


- Remove magnetic key to enable setting.

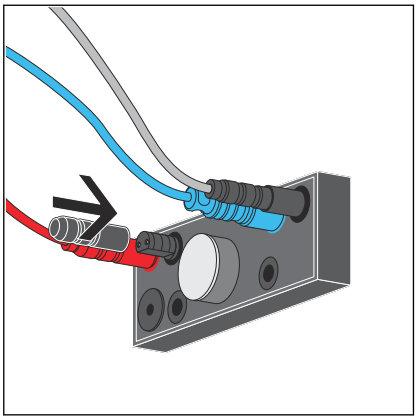
  The following values can be set by removing the magnetic key:

Remove magnetic key after	Setting
1st acoustic signal	Flush volume small 3 l and large 4.5 l
2nd acoustic signal	Flush volume small 3 l and large 6 l (factory setting)
3rd acoustic signal	Flush volume small 4 l and large 9 l

  - A double acoustic signal is sounded as confirmation. The setting has been changed successfully.



- Remove the cable of the programming contact.



- Place a protective cap onto the contact.

3.3.3 Setting the Viega Hygiene function

The Viega Hygiene function of the flushing is deactivated when delivered. If you wish to use the Viega Hygiene function, you must program the following settings.

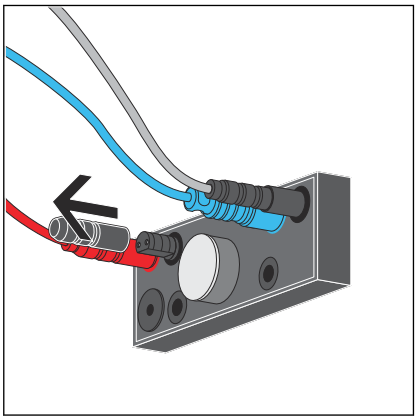
The flush volume for the Viega Hygiene function can only be selected if the Viega Hygiene function has been previously activated by choosing a time interval.

If no flush volume is selected after activating the Viega Hygiene function, the flush volume is set automatically to the minimum volume.

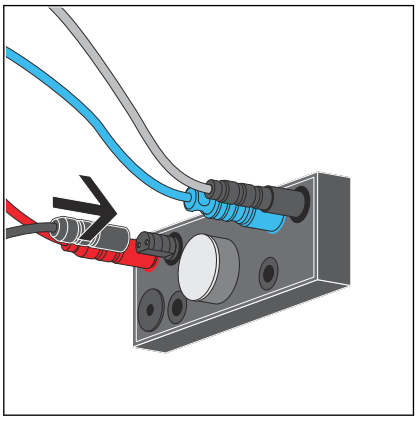
Setting the flush interval

Requirements:

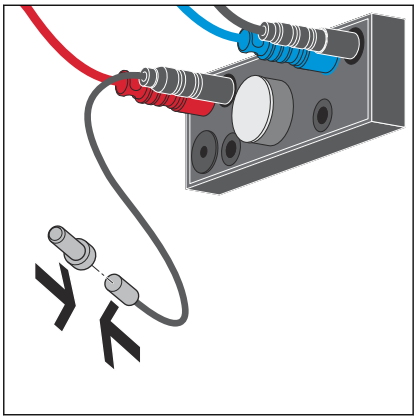
- The inspection shaft is open and the control can be accessed.
- The control programming block is not active ‘*Programming block*’ *on page 34*.
- The programming set is available.



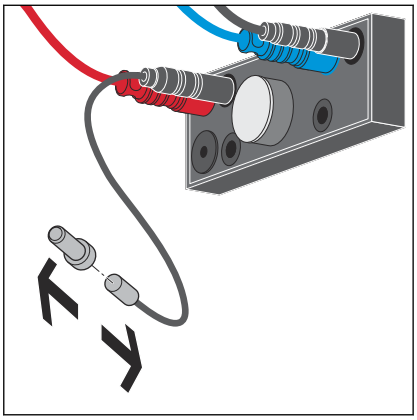
- Remove the protective cap of the programming connection from the control.



- Connect the cable from the programming contact onto the control.



- Hold the magnetic pin in front of the programming contact.
  - In the following, signals sound to show which setting is active.

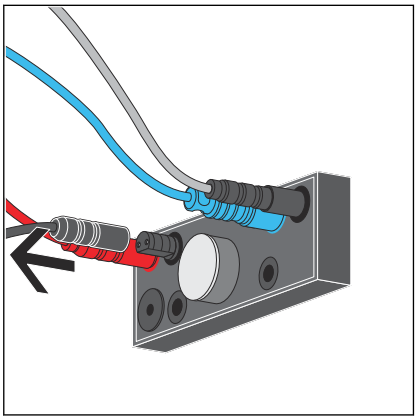


- Remove the magnetic pin to enable setting.

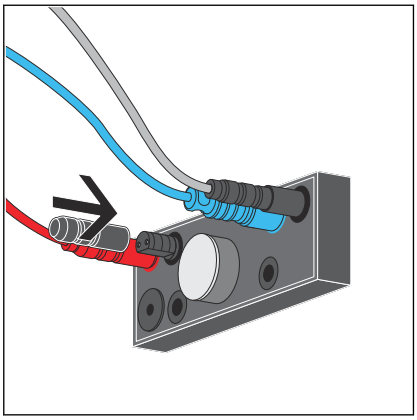
  The following values can be set by removing the magnetic pin:

Remove magnetic pin after	Setting
8th acoustic signal	Viega Hygiene function: flush volume 3 l (factory setting if Viega Hygiene function is active)
9th acoustic signal	Viega Hygiene function: flush volume 6 l
10th Acoustic signal	Viega Hygiene function: flush volume 9 l

  - A double acoustic signal is sounded as confirmation. The setting has been successfully changed.



- Remove the cable of the programming contact.

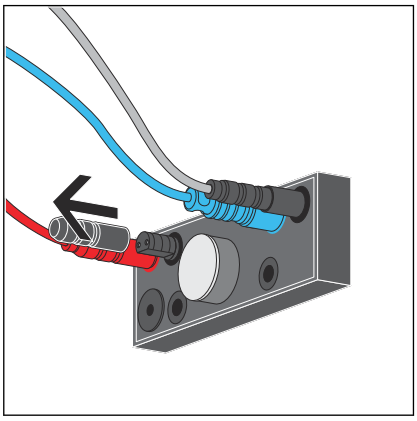


- Place a protective cap onto the contact.

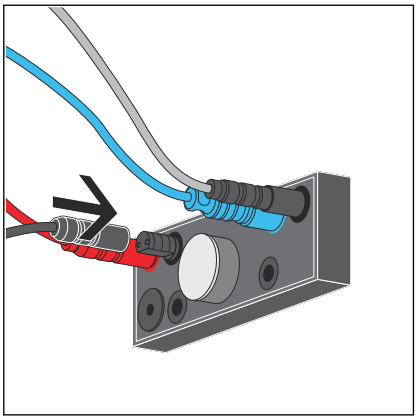
Viega Hygiene function – Setting flush volume

Requirements:

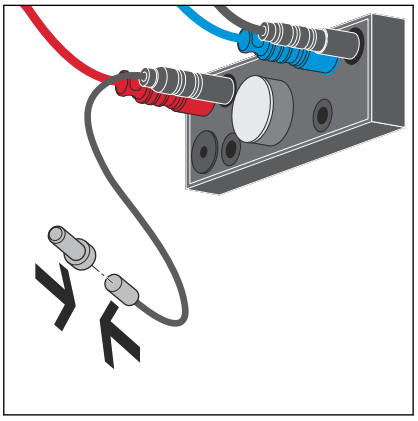
- The inspection shaft is open and the control can be accessed.
- The programming lock of the control is not active *‘Programming block’ on page 34*.
- The programming set is available.
- The interval is set.



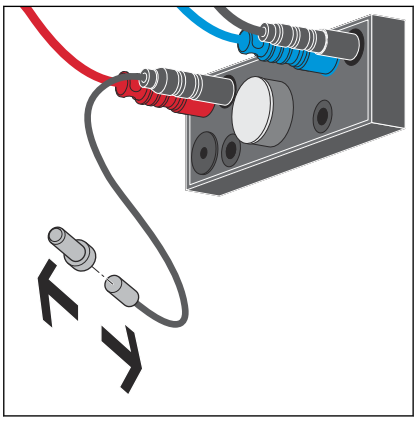
- Remove the protective cap of the programming connection from the control.



- Connect the cable from the programming contact onto the control.



- Hold the magnetic pin in front of the programming contact.
  - In the following, signals sound to show which setting is active.

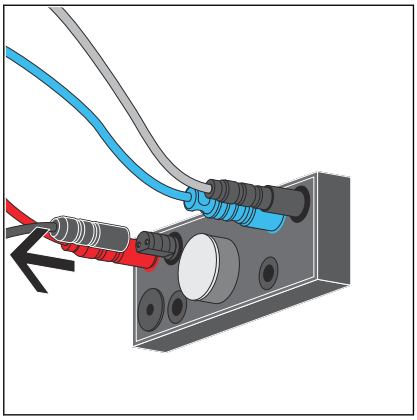


- Remove the magnetic pin to enable setting.

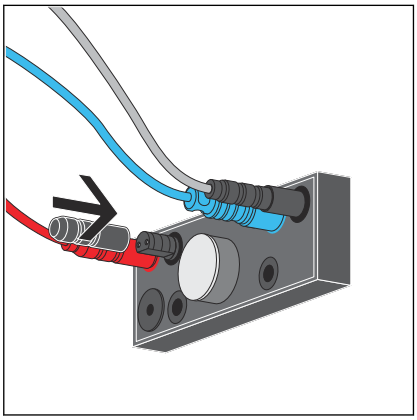
  The following values can be set by removing the magnetic pin:

Remove magnetic pin after	Setting
4th acoustic signal	Hygiene flushing function: OFF (factory setting)
5th acoustic signal	Hygiene flushing performed 24 hours after the last flushing
6th acoustic signal	Hygiene flushing performed 72 hours after the last flushing
7th acoustic signal	Hygiene flushing performed 168 hours after the last flushing

  - A double acoustic signal is sounded as confirmation. The setting has been successfully changed.



- Remove the cable of the programming contact.



- Place a protective cap onto the contact.

3.4 Faults, faults and remedy

Error	Cause	Remedy
WC does not flush	Power supply failure	Check power supply
	Cistern is not yet completely full	Wait until the cistern is sufficiently full
	No water in cistern, corner valve is closed	Open corner valve
	Control defect	Replace control
	Plug connection power pack / control not made	Create plug connection *'Connecting the control' on page 27*
	Plug connection drive unit / control not made	Create plug connection *'Connecting the control' on page 27*
	Detection area is not set correctly	Set detection area *Chapter 3.3.1 'Setting the infrared sensor' on page 34*
WC flush runs through	Dirty seal in filling valve	Check seal, replace if necessary
	Dirty seal in drain valve	Check seal, replace if necessary
	Plug sequence drive unit / control incorrect	Check plug connection, observe coloured marking *'Connecting the control' on page 27*

3.5 Care and maintenance

3.5.1 Care tips

Normal soap or a mild cleaning agent can be used for regular care and prevention of lime scale on the flush plate. Under no circumstances should scouring agent or scratching objects be used.

Strong stains can be removed using typical household cleaner. Rinse the detergent thoroughly with clear water after the prescribed exposure time. There should be no residue on the components.

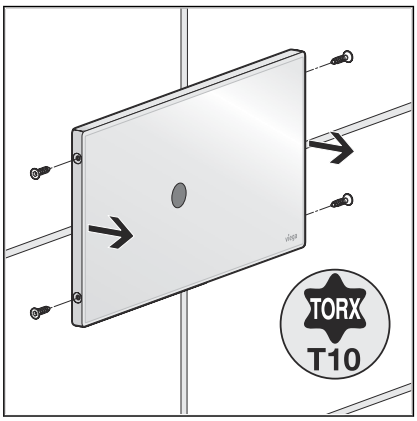
3.5.2 Replacing the battery

Cistern 2H

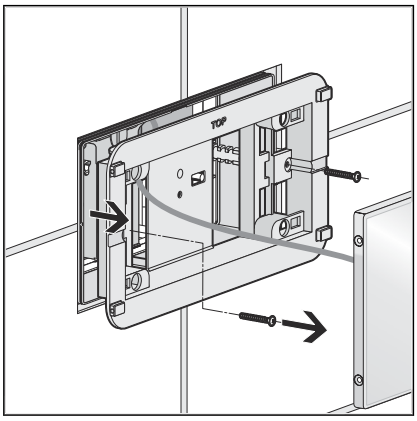
Only for use of a battery compartment for redundant power supply.

Requirements:

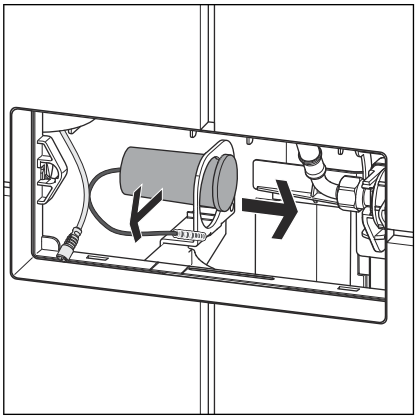
- Free access to the cistern can be gained through the revision shaft.



- Remove the screws on the right and left hand side.
- Remove flush plate.

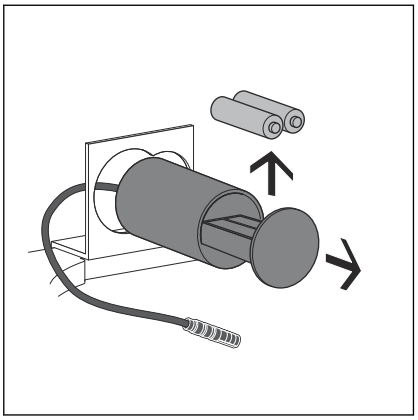


- Loosen and remove the screws from the installation frame.
- Remove the installation frame from the revision shaft.

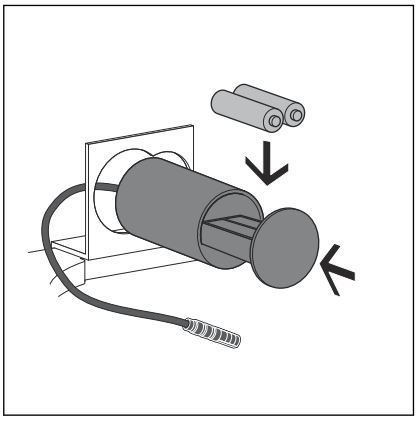


- Remove battery compartment from the holder.

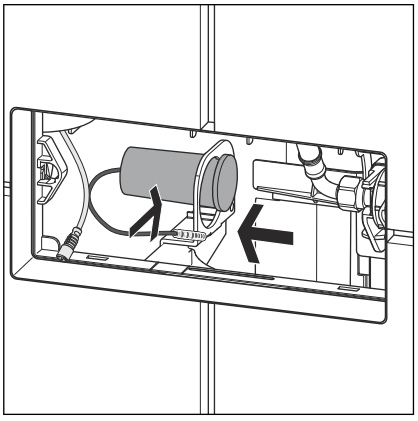
  Press the battery compartment back into the fixture and pull it to the right.



- Open battery compartment and remove flat battery.



- Insert new battery and close battery compartment.



- Push the battery compartment through the large opening into the holder.
- Push the holder into the smaller opening.

  The battery compartment must be clicked into place directly behind the cover in the holder.
- Mount flush plate according to manual ***Chapter 3.2.4 'Mounting the flush plate' on page 31***.

3.6 Disposal

Separate the product and packaging materials (e. g. paper, metal, plastic or non-ferrous metals) and dispose of in accordance with valid national legal requirements.

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