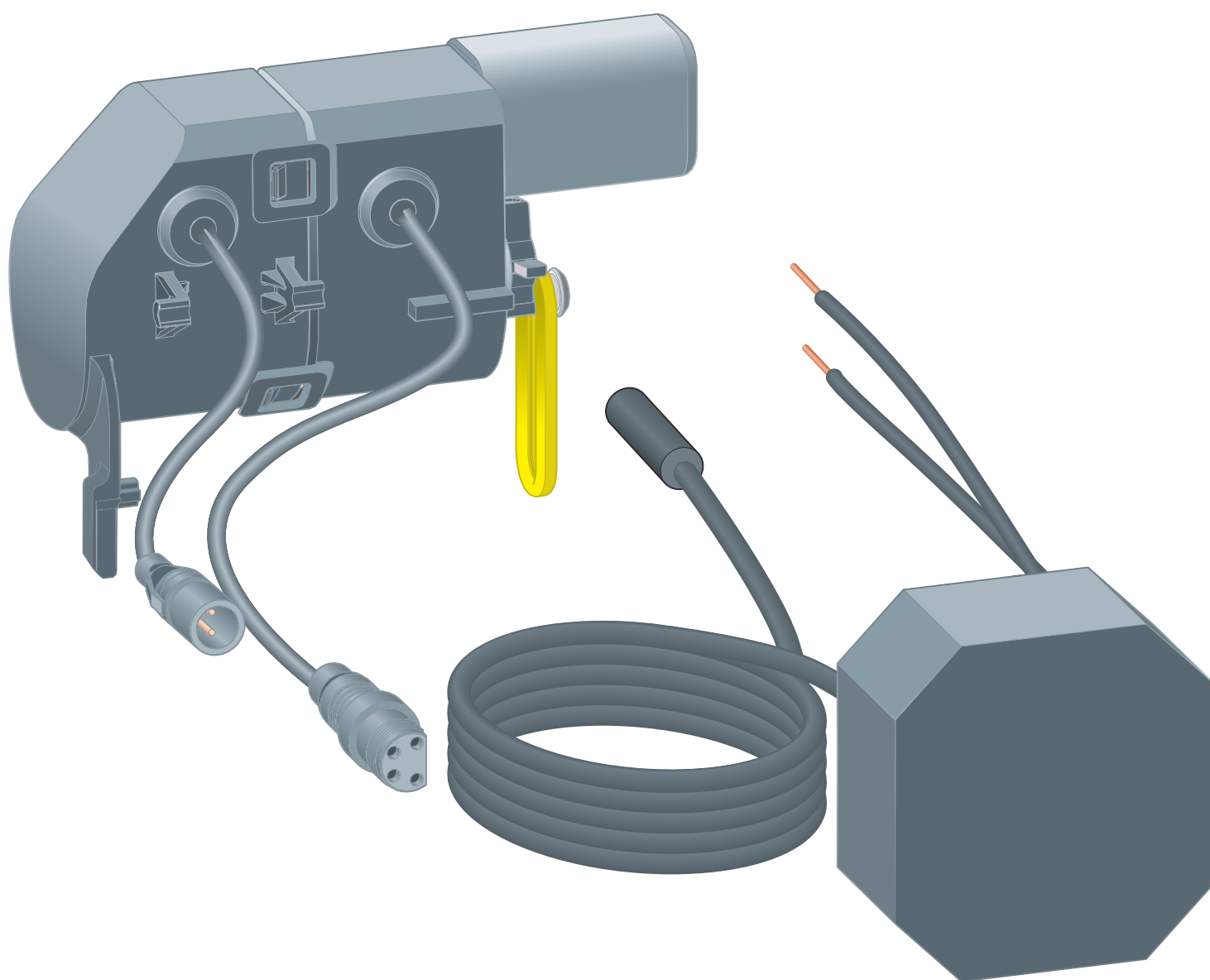


Instructions for Use

Accessory set electronic



for WC flush plates for Prevista electronic

Model
8655.11

Year built (from)
03/2019

viega

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1 About these instructions for use

Trade mark rights exist for this document; for further information, go to viega.com/legal.

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

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: Technical data

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

Regulations from section: 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: Disposal

Scope / Notice	Regulations applicable in Germany
Disposal of electronic components	WEEE-Richtlinie 2012/19/EU

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.
- When working in or on electronic systems, switch off the mains voltage and take steps to prevent accidental re-activation.

2.3 Intended use

2.3.1 Areas of application




The electronic accessory set is required for the power supply and the control of electronic WC flush plates for Prevista.

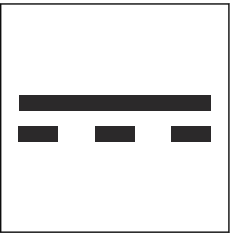
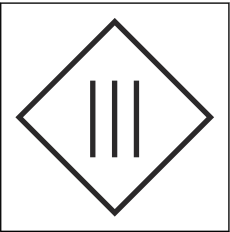
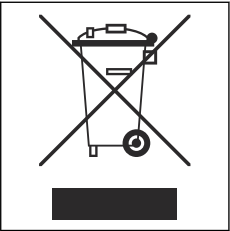
2.4 General notes

- If you notice any damage on the product or individual components, do not carry out a repair. Instead, have the product replaced by qualified personnel.
- This appliance can be used by children aged 8 and above, and persons with impaired physical, sensory or mental capacities or with insufficient experience and expertise, provided that they use it under supervision, or have been instructed regarding the safe use of the product and the hazards posed by it.
- Make sure that children do not play with this product.
- A disconnect device with a contact opening width that fulfils the conditions of overvoltage category III for full separation in accordance with the installation requirements must be installed at each terminal of the fixed electrical installation.

Symbols

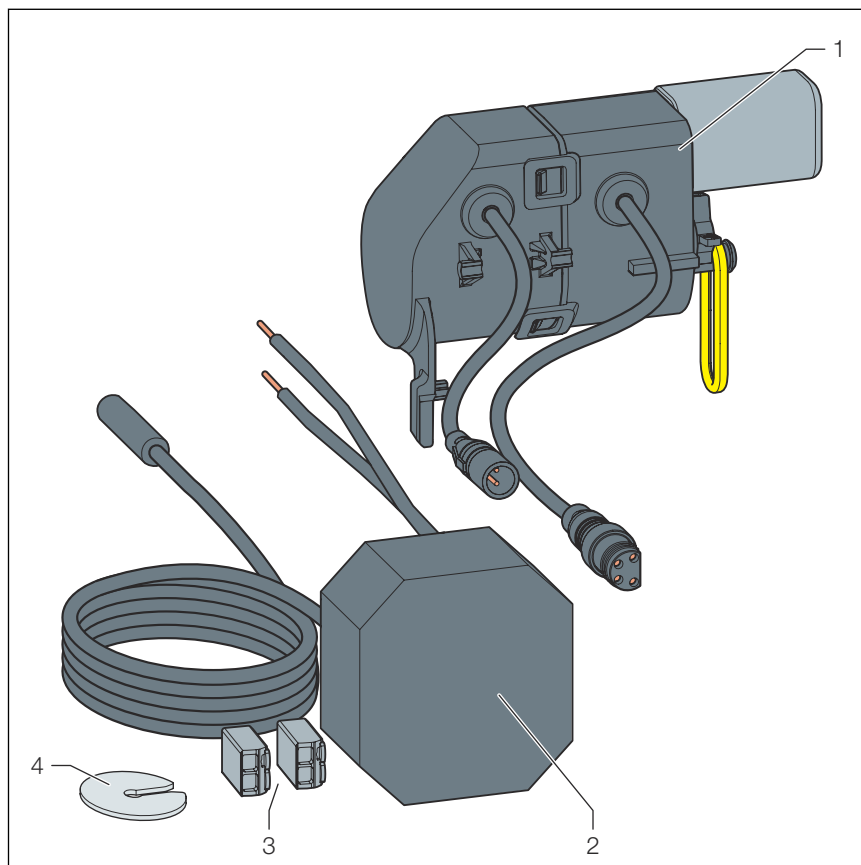
Observe the symbol listed on the label:

Symbol	Description
	CE marking, Product Safety in Europe
	EAC marking, registration of products in the territory of the Customs Union
	UKCA marking, Product Safety in Great Britain (England, Wales and Scotland)

Symbol	Description
	Direct current
	Protection class III
	The marked product must not be disposed of as household waste.

2.5 Product description

2.5.1 Overview



- 1 Electronic drive unit
- 2 Mains adapter
- 3 Terminal
- 4 Lock washer

2.5.2 Technical data

Electronics

Input (mains adapter)	100–240 V AC, 50–60 Hz, 100 mA
Output (mains adapter)	6.5 V DC, 800 mA



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

Voltage and current

Motor

Voltage [V]	Current [mA]
6.5	500

2.5.3 Connection diagram

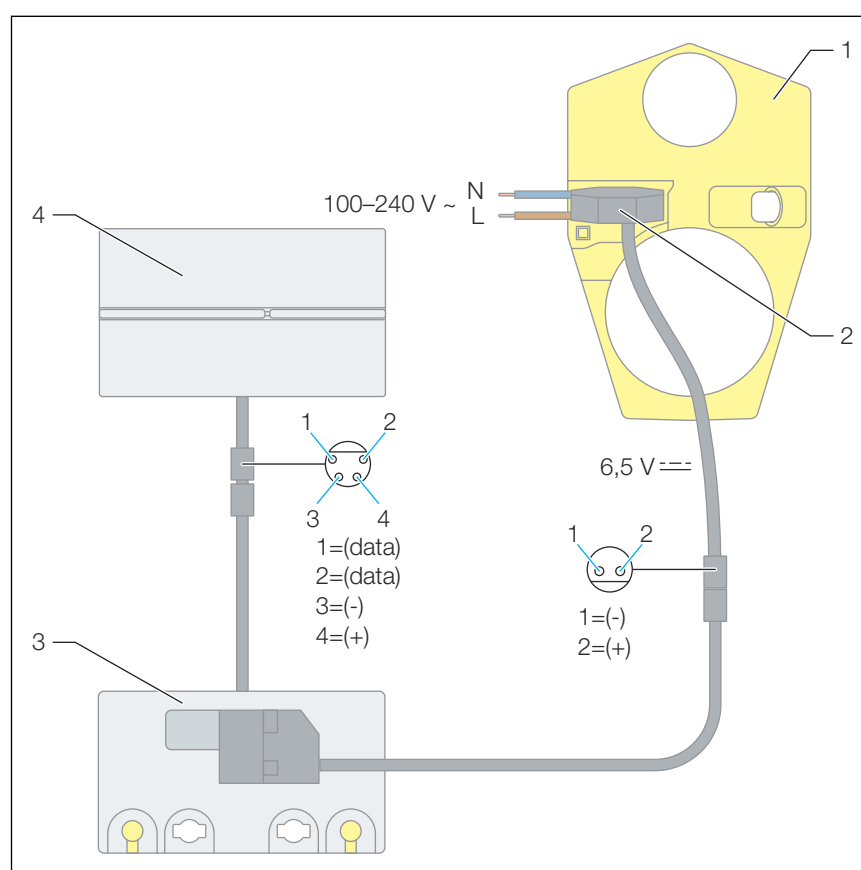


Fig. 1: Connection diagram, mains adapter, WC flush plate for Prevista

- 1 WC connection box
- 2 Mains adapter
- 3 Electronic drive unit
- 4 WC flush plate for Prevista

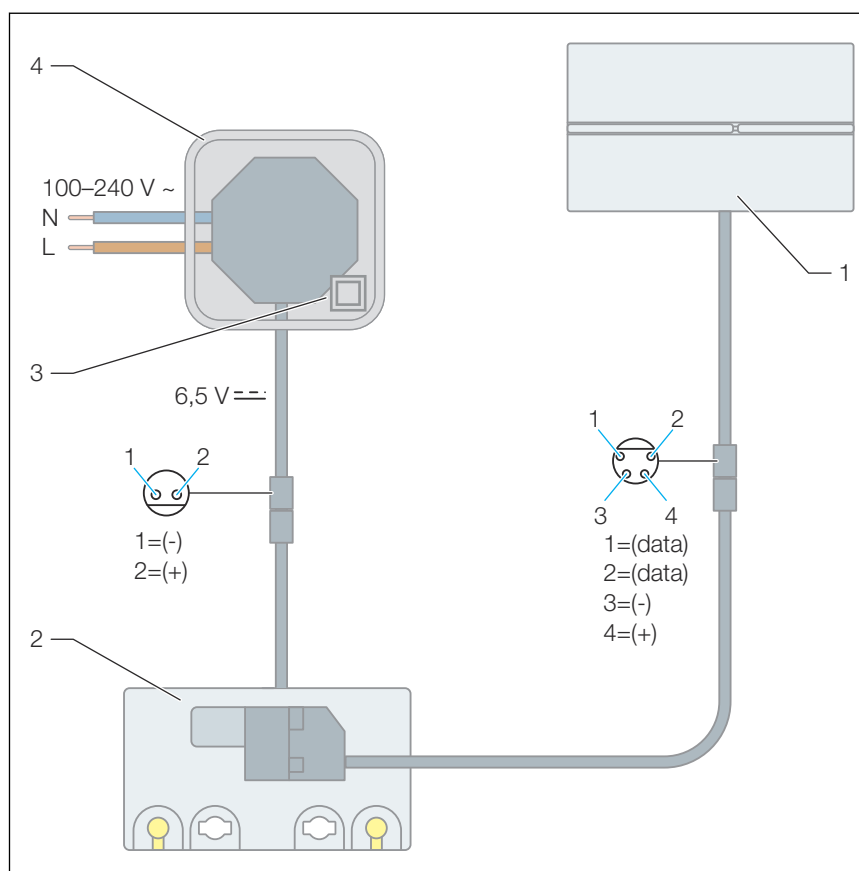
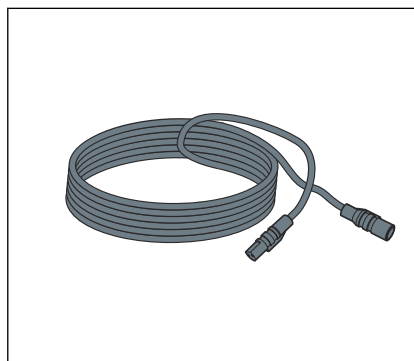


Fig. 2: Connection diagram, mains adapter, WC flush plate for Prevista

- 1 WC flush plate for Prevista
- 2 Electronic drive unit
- 3 Mains adapter
- 4 Plastic branch protection class II

2.6 Accessories

Optional accessories

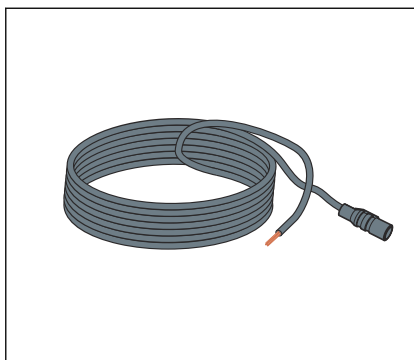


Extension cable (model 8352.690)

2 metre cable for the extension of the power supply.



Use a maximum of two extension cables with the mains adapter (4.75 meter total length).



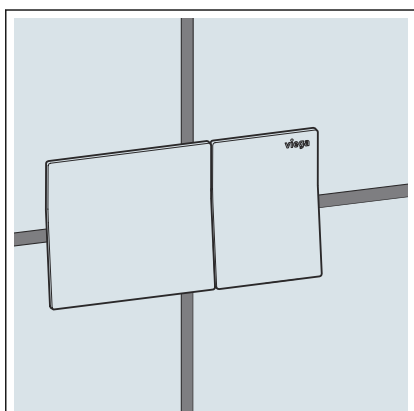
Connection cable (model 8570.55)

3-meter cable for external flush actuation with on-site and commercially available buttons with closing function or potential-free contact (closing period 350 ms).



Extension cable adapter (model 8580.49)

For connection of a radio receiver.



WC remote flush actuation (models 8640.1 and 8641.1)

For electronic remote flush actuation on Prevista concealed cisterns.



Cap (model 8655.12)

Protects the connection cable when the electronic accessory set is used with a manual (non-electronic) WC flush plate.

3 Handling

3.1 Assembly information

3.1.1 Mounting conditions

Installation position of the mains adapter

The mains adapter should be mounted in an easily accessible place to allow subsequent access.

Before beginning to clad, a concealed socket should be installed for the mains adapter with conduit pipe to the cistern (installation set ↗ 'Optional accessories' on page 10).

If necessary, the mains adapter cable can be extended to a length of 4.75 metres (two extension cables ↗ 'Optional accessories' on page 10).

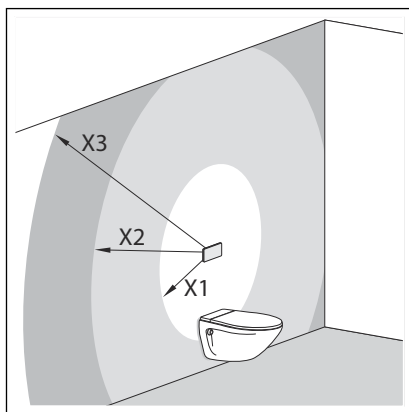


Fig. 3: Installation position of the mains adapter

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

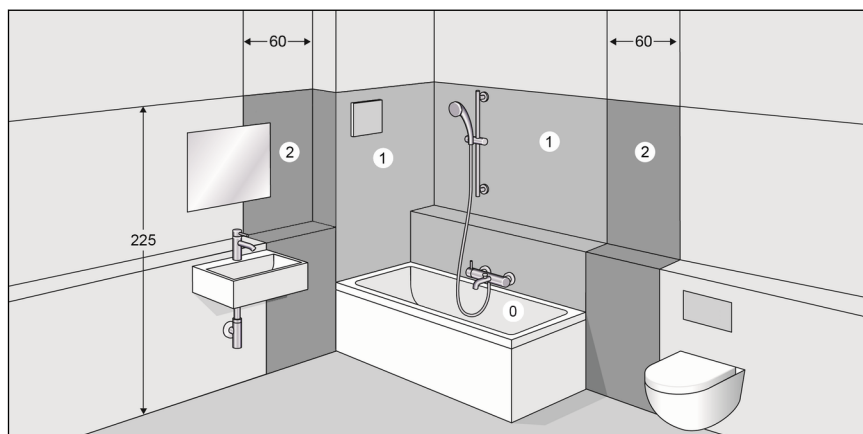


Fig. 4: Protected zones

According to the applicable regulations, installation of the mains adapter in the protected zones 0 and 1 of shower rooms and bathrooms is not permitted, see [Chapter 2.1 'Standards and regulations' on page 5](#).

Viega recommends installing the mains adapter outside of the protected zones 0–2.

3.1.2 Required material and tools

Material

The following material is required for mounting:

- If necessary, conduit pipe from mains adapter into the cistern

3.2 Assembly

3.2.1 Mounting with flush plate in front position



DANGER! **Danger due to electrical current**

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

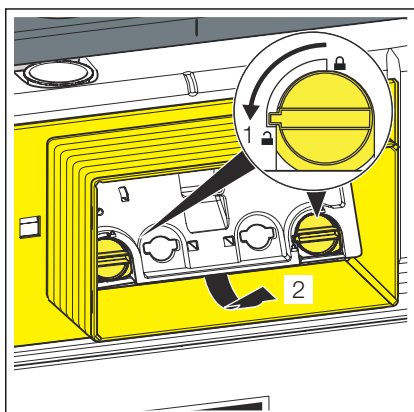
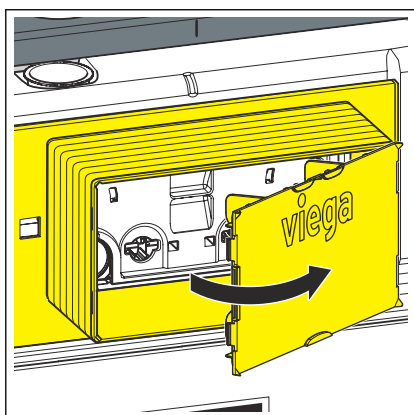
- Only allow electrical work to be carried out by qualified electricians.
- Always de-energise the connection cable before work is commenced.



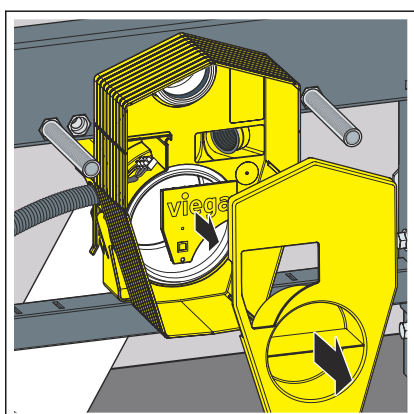
Observation of the prescribed connection sequence is required. The power supply must always be connected last, to ensure that all of the connected components function.

Requirements:

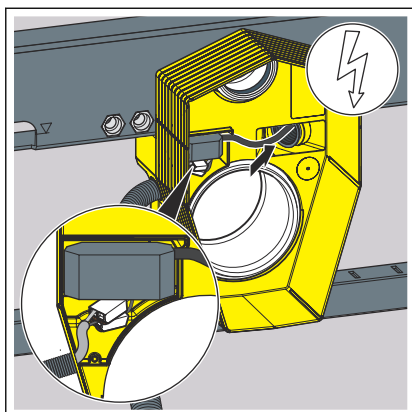
- A 230 V mains connection is available on site.
- The installation position of the mains adapter complies with the requirements in acc. with *Chapter 3.1.1 'Mounting conditions' on page 12.*
- The connection cable is de-energised.
- Remove the shaft cover.



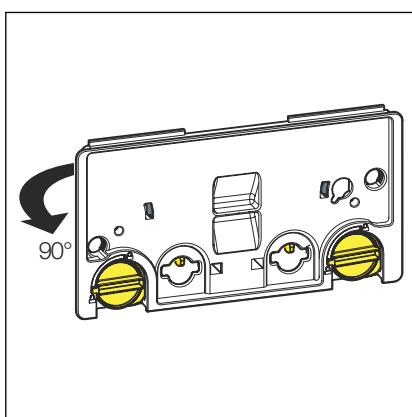
- Turn the site protection panel lock 90° anti-clockwise.
- Remove the site protection panel.



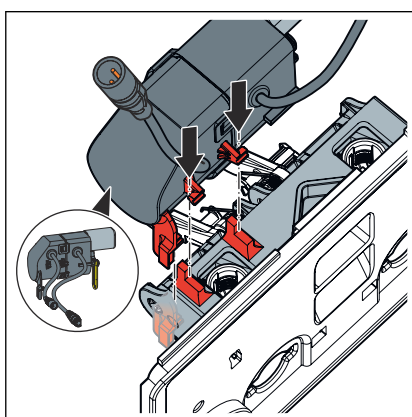
- Remove the cover of the connection box.
- Remove the cover.



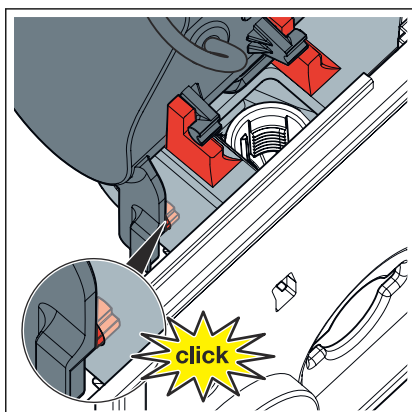
- Attach the power pack of the electronic accessory set (model 8655.11).
- Guide the power supply upwards through the empty conduit into the concealed cistern.



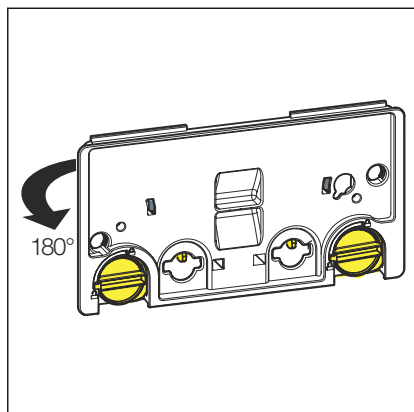
- Turn the site protection panel by 90°.



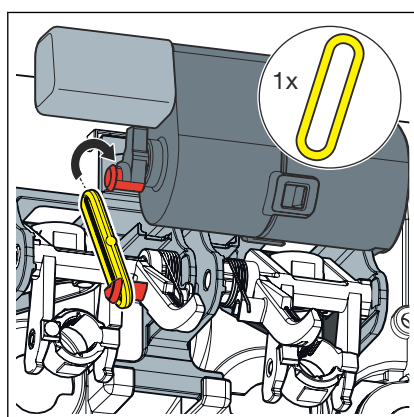
- Place the drive unit on the rear of the site protection panel.



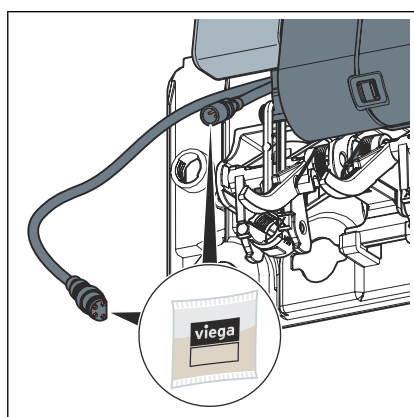
- Let the drive unit engage in the mechanism.



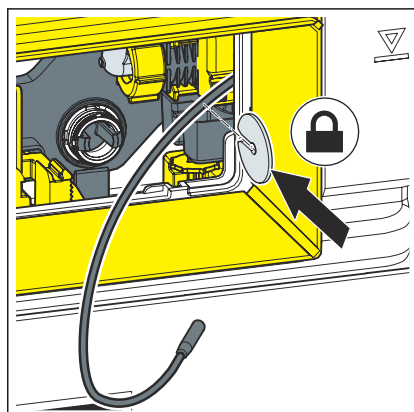
► Turn the site protection panel by 180°.



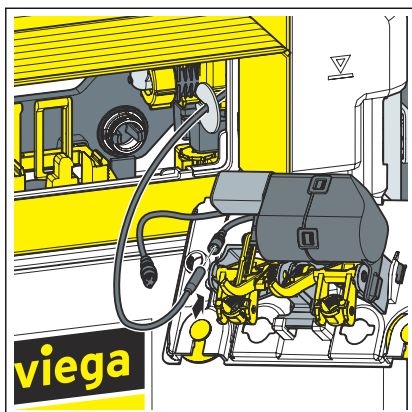
► Connect the bow of the mechanism and the drive unit to the eye.



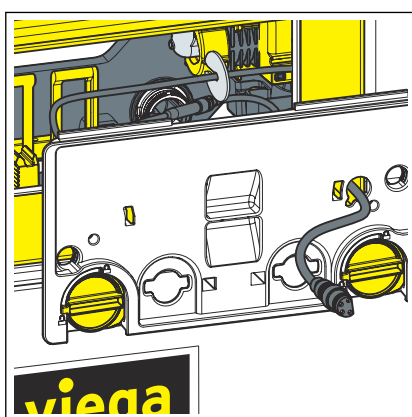
► Apply the silicon grease to all drive unit connections.



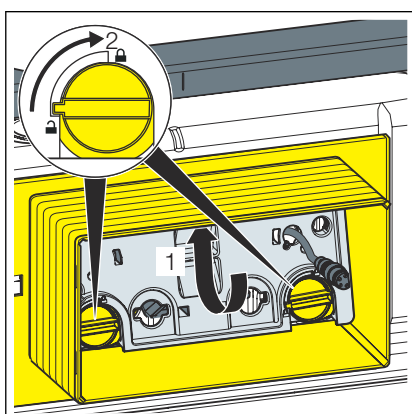
► Attach the lock washer to the power supply cable.



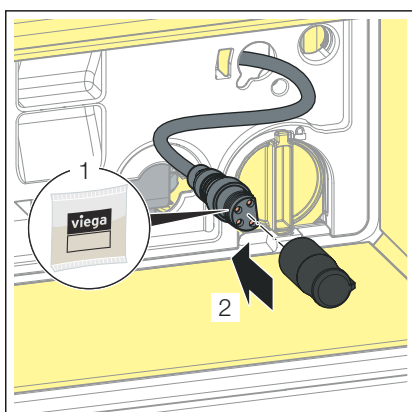
- To establish the power supply, connect the short cable of the drive unit to the mains adapter.



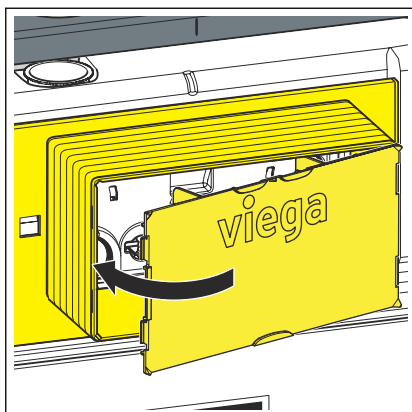
- Guide the long cable of the drive unit forward through the site protection panel.
- Insert the site protection panel into the cistern.



- Turn the site protection panel's lock by 90° clockwise.



- Grease the connection cable.
- Attach the cap to the connection cable.



➤ Insert the shaft cover.

◻ The drive unit has been mounted.

3.2.2 Mounting with flush plate in top position



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.

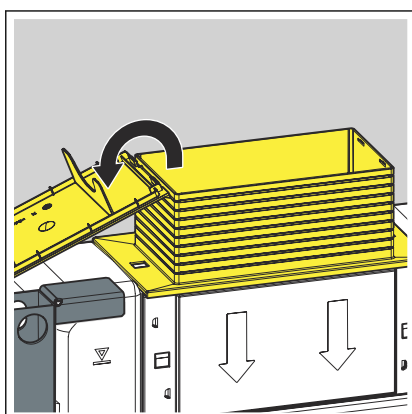


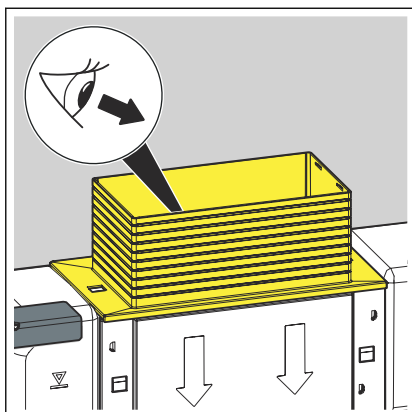
Observation of the prescribed connection sequence is required. The power supply must always be connected last, to ensure that all of the connected components function.

Requirements:

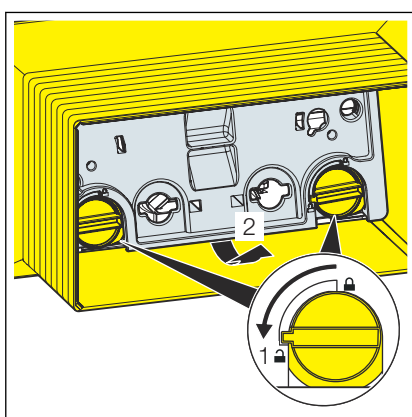
- A 230 V mains connection is available on site.
- The installation position of the mains adapter complies with the requirements in acc. with ⚡ Chapter 3.1.1 'Mounting conditions' on page 12.
- The connection cable is de-energised.

➤ Remove the shaft cover.

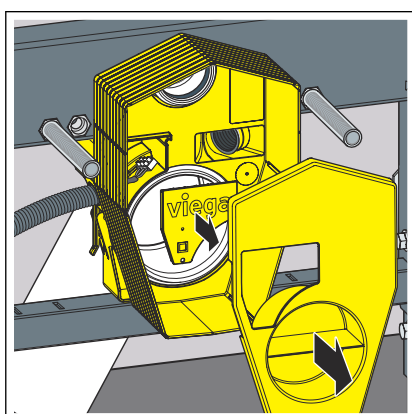




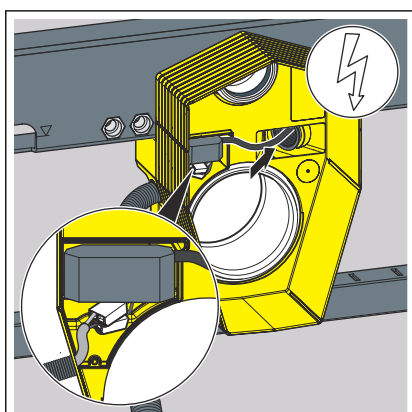
INFO! In the description of the following steps, the cistern is shown in top view.



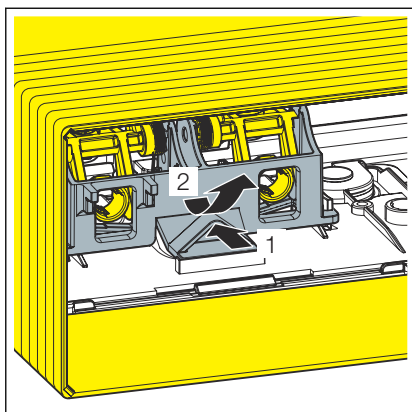
- Turn the site protection panel lock 90° anti-clockwise.
- Remove the site protection panel.



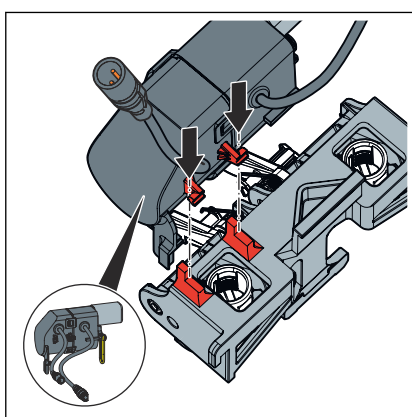
- Remove the cover of the connection box.
- Remove the cover.



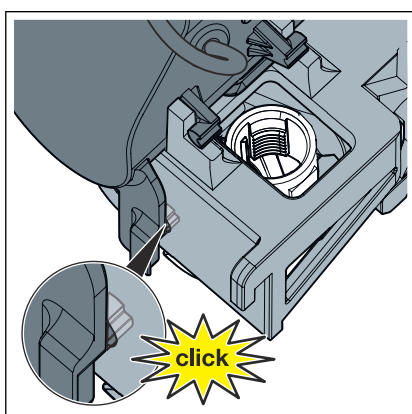
- Attach the power pack of the electronic accessory set (model 8655.11).
- Guide the power supply upwards through the empty conduit into the concealed cistern.



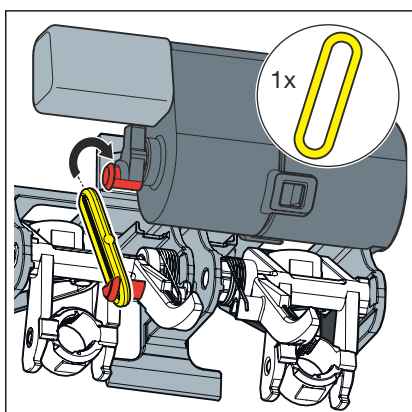
➤ Remove the mechanism.



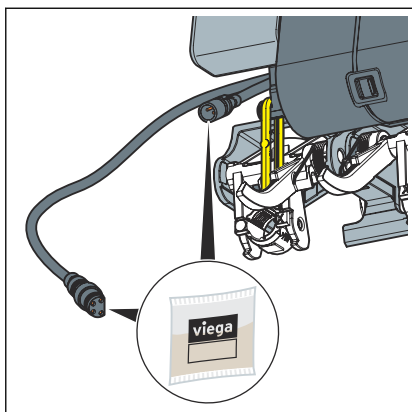
➤ Place the drive unit on the mechanism.



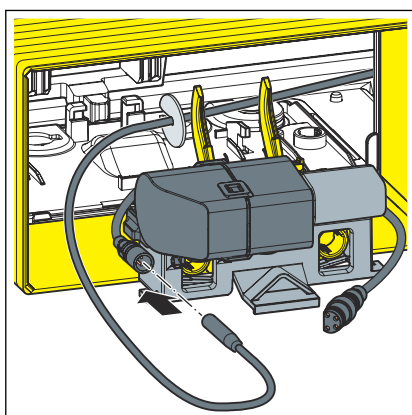
➤ Let the drive unit engage in the mechanism.



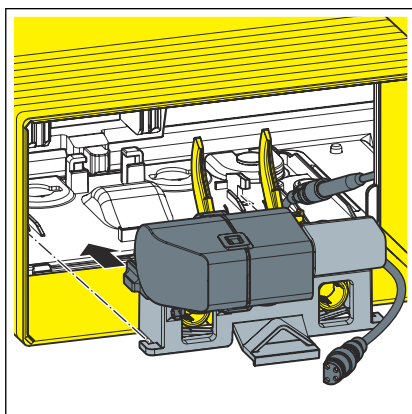
➤ Connect the bow of the mechanism and the drive unit to the eye.



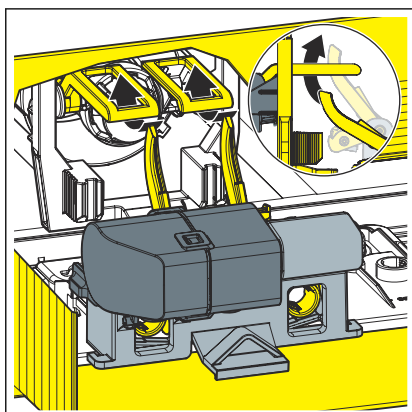
- Apply the silicon grease to all drive unit connections.



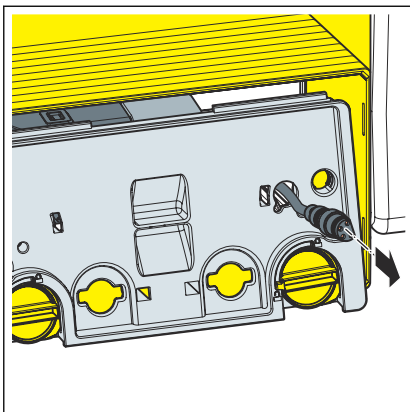
- To establish the power supply, connect the short cable of the drive unit to the flushing station.
- Attach the lock washer to the power supply cable.



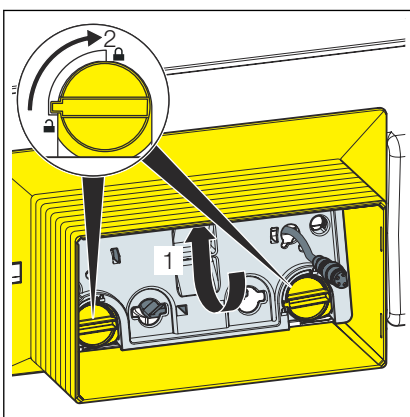
- Place the mechanism with the drive unit into the rear of the site protection panel.



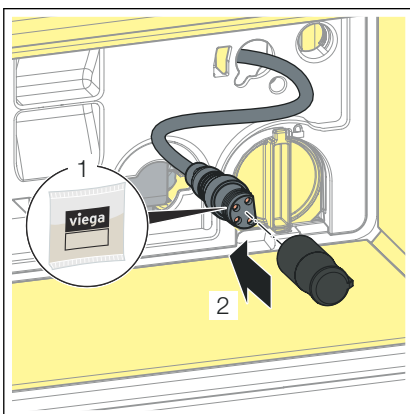
- Hang the mechanism in the tab of the drain valve.



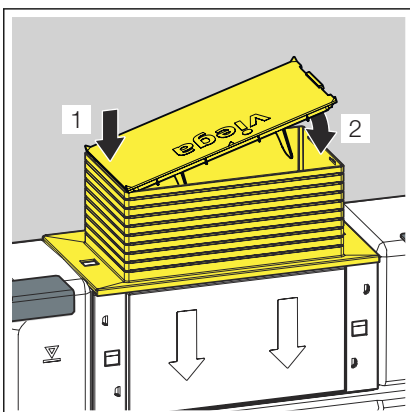
- Guide the long cable of the drive unit forward through the right-hand opening of the site protection panel.



- Insert the site protection panel into the cistern.
- Turn the site protection panel's lock by 90° clockwise.



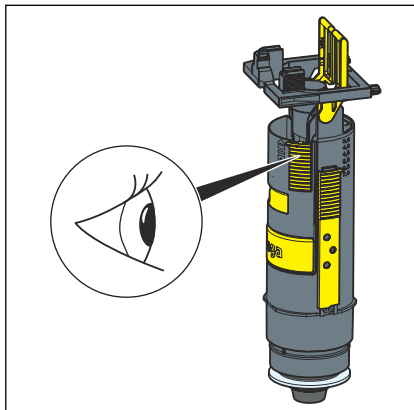
- Grease the connection cable.
- Attach the cap to the connection cable.



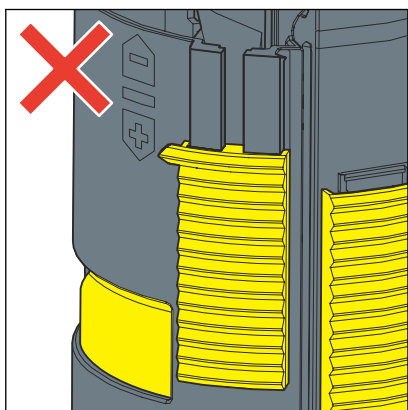
- Insert the shaft cover.
- ☐ The drive unit has been mounted.

3.3 Commissioning

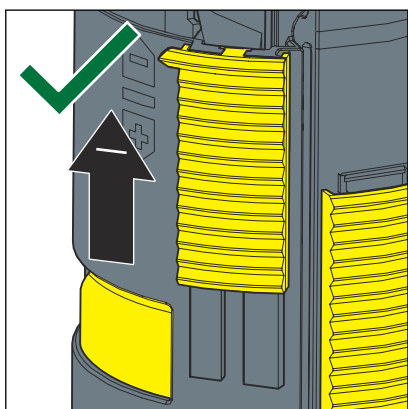
3.3.1 Setting the flush



The smallest possible flush volume must be set at the drain valve in the cistern.



- The small flush volume is set incorrectly.



- The small flush volume is set correctly.

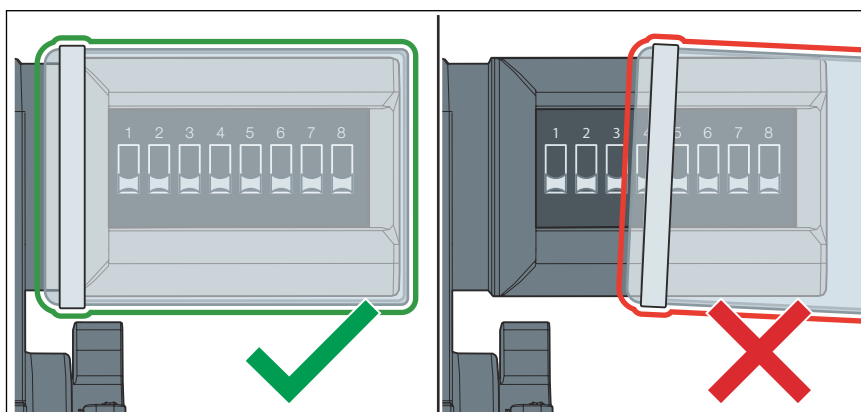


NOTICE!

Damage due to moisture

Risk of damage to the drive unit if moisture penetrates.

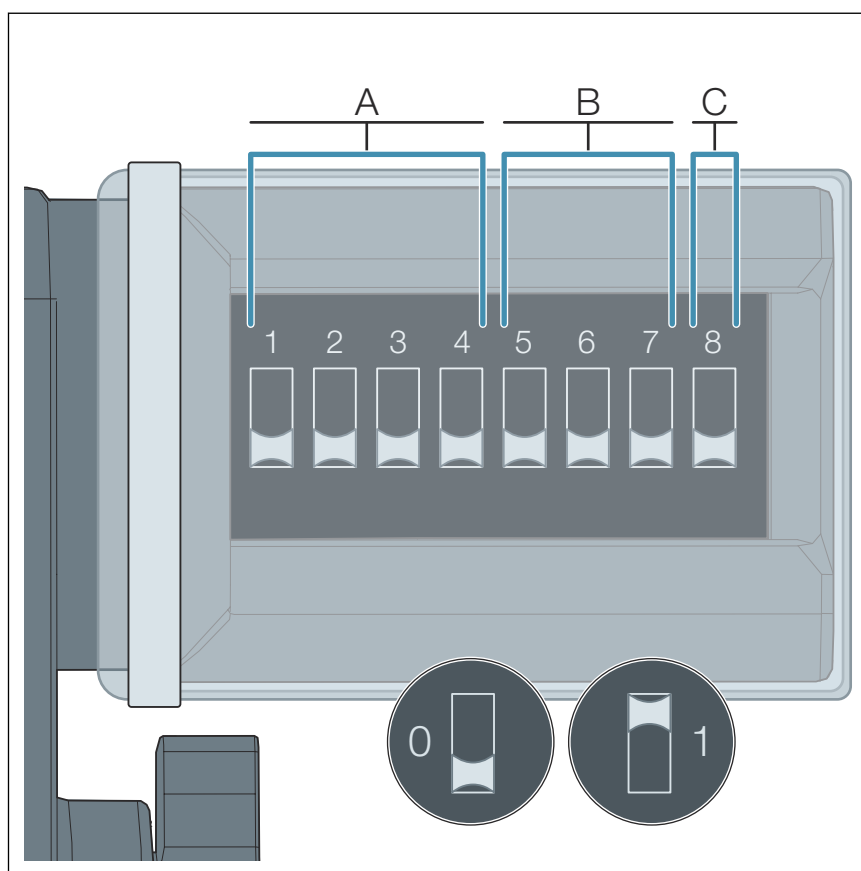
- Do not remove the protective cover of the DIP switches.



The flush volume is set via the DIP switch of the drive unit.



Make the settings only in the currentless (unconnected) state.



- A Setting the flush volume
- B Interval of the Hygiene function
- C Setting the flush volume of the Hygiene function
- 0 DIP switch position: OFF
- 1 DIP switch position: ON

The assignment of the DIP switches:

- Switches 1-4 define the flush volume.
- Switches 5-7 define the interval of the Hygiene function.
- Switch 8 defines the flush volume of the Hygiene function.



The set interval of the Viega hygiene function will only be reset if a large flush volume is triggered.

Setting the flush volumes (A)

Program no.	Large flush volume (in litres)	Small flush volume (in litres)	Position of switches 1—4			
			1	2	3	4
Program 0 (factory setting)	6	3	0	0	0	0
Program 1	3.5	2	0	0	0	1

Program no.	Large flush volume (in litres)	Small flush volume (in litres)	Position of switches 1—4			
			1	2	3	4
Program 2	4.5	2	0	0	1	0
Program 3	6	2	0	0	1	1
Program 4	7.5	2	0	1	0	0
Program 5	3.5	3	0	1	0	1
Program 6	4.5	3	0	1	1	0
Program 7	7.5	3	0	1	1	1
Program 8	4.5	4	1	0	0	0
Program 9	6	4	1	0	0	1
Program 10	7.5	4	1	0	1	0

Enabling the Hygiene function and setting the intervals (B)

Interval (in hours)	Position of switches 5—7		
	5	6	7
Switched off	0	0	0
1	0	0	1
12	0	1	0
24	0	1	1
72	1	0	0
168	1	0	1

Setting the flush volume of the Hygiene function (C)

Flush volume (in litres)	Position of switch 8
3	0
7.5	1

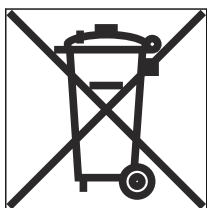
3.4 Errors, faults and remedy



In case of malfunctions, disconnect the model from the power supply and reconnect it after one minute.

Error	Cause	Solution
The WC does not flush.	The cistern is not yet completely full.	Wait until the cistern is sufficiently full.
	There is no water in the cistern. The corner valve is closed.	Open the corner valve.
The WC flush runs through.	The seal at the filling valve is dirty or damaged.	Check the seal, replace if necessary.
	The seal at the drain valve is dirty or damaged.	Check the seal, replace if necessary.
The WC flushes uncontrollably.	The DIP switches of the drive unit are not set correctly.	Check the setting of the DIP switches, correct if necessary ↳ <i>further information on page 25.</i>

3.5 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.

Electronic components and batteries must not be put in the domestic waste but must be disposed of appropriately in conformity with the applicable directives, see ↳ *'Regulations from section: Disposal' on page 5.*



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