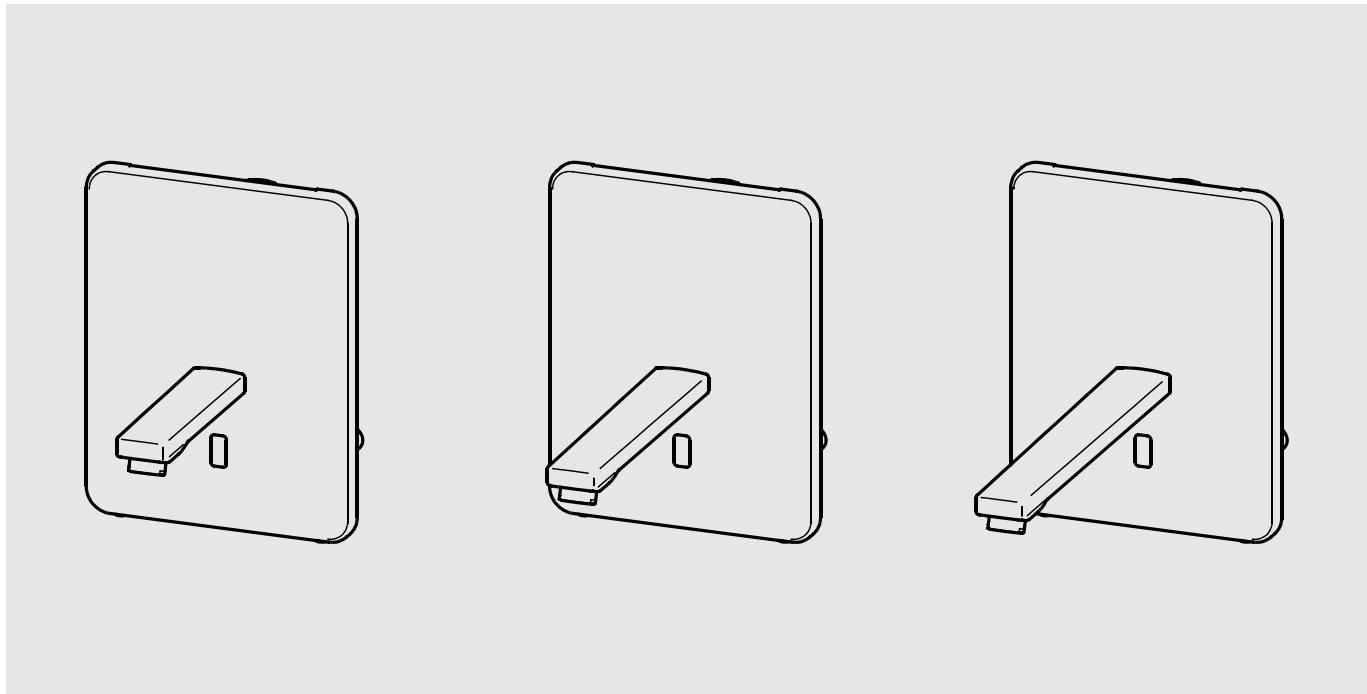


# F3



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2030040200

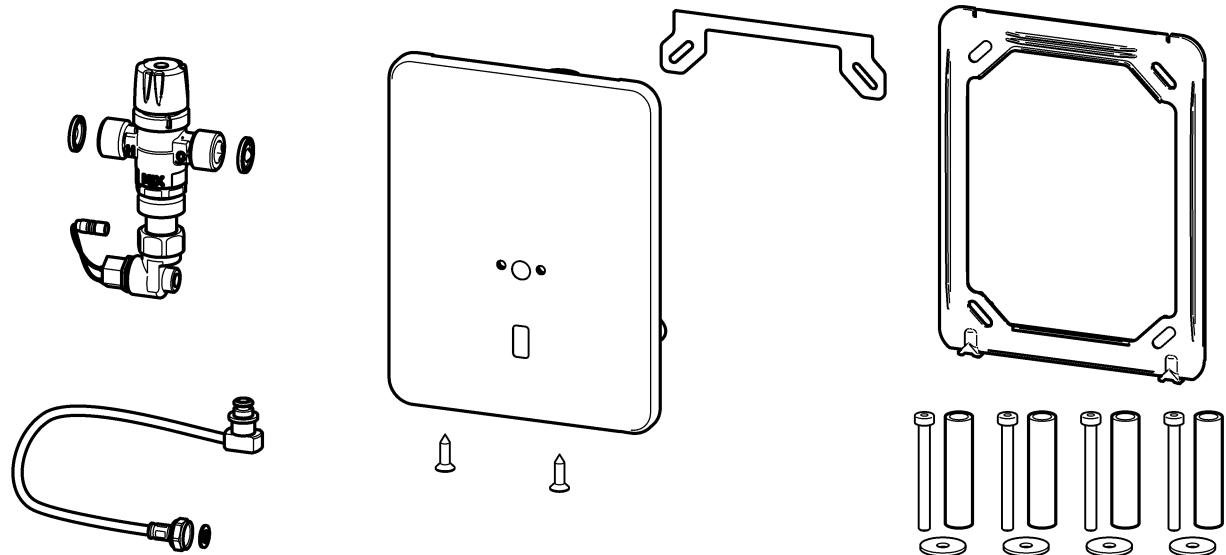
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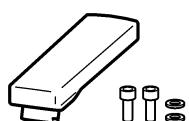
DE	Montage- und Betriebsanleitung	Elektronik-Thermostatbatterie
EN	Installation and operating instructions	Electronic thermostatic mixer
FR	Notice de montage et de mise en service	Mitigeur thermostatique électronique
ES	Instrucciones de montaje y servicio	Batería de termostato con sistema electrónico
IT	Istruzioni per il montaggio e l'uso	Miscelatore termostatico-elettronico
NL	Montage- en bedrijfsinstructies	Elektronische thermostaatmeng-kraan
PL	Instrukcja montażu i obsługi	
SV	Monterings- och driftinstruktion	
CS	Návod pro montáž a provoz	
FI	Asennus- ja käyttöohje	Elektroninen termostaattihana
RU	Инструкция по монтажу и вводу в эксплуатацию	



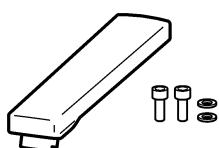
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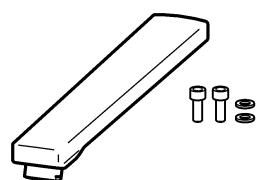
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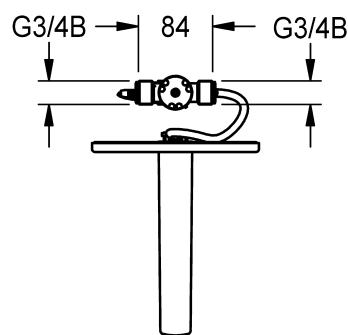
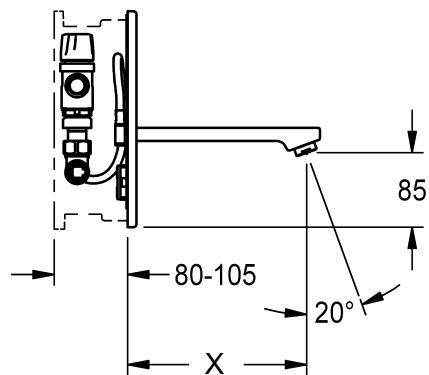
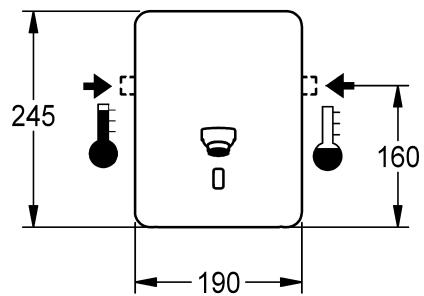
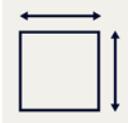


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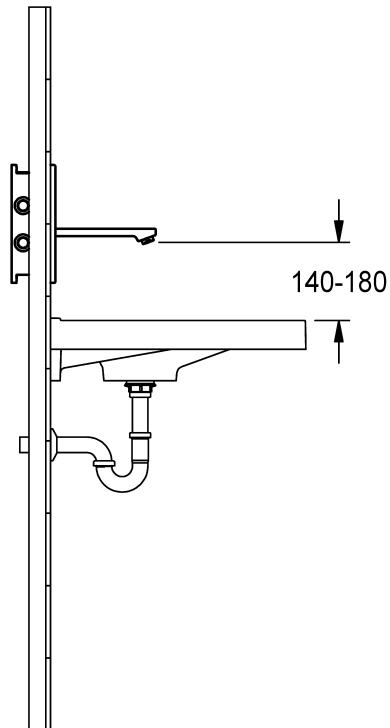
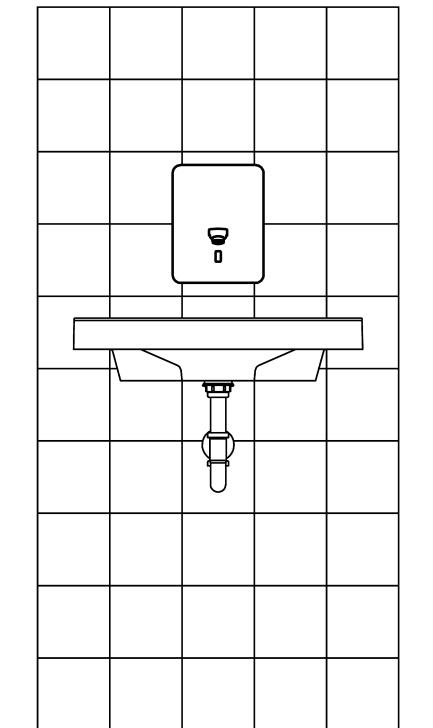


**F3ET1012**





	X
F3ET1010	140
F3ET1011	200
F3ET1012	260



**EN**

## Installation and operating instructions

### Important notes

- All work must be carried out in a de-energised state.
- Before installing flush piping system!
- The fitting must be operated only with original mesh filters and return flow inhibitors!
- The fitting must be checked and maintained at regular intervals depending on the water quality and in accordance with the local conditions, and rules and regulations applicable at the site.

### Technical data

- Minimum flow pressure 1.0 bar
- Maximum operating pressure 10 bar
- Recommended flow pressure 1-5 bar
- Volume flow at 3 bar flow pressure 6 l/min
- Thermostatic scald-protection in compliance with DIN EN 1111.
- Supply voltage 6.75 / 12 V DC
- Power consumption 1.5 W
- Type of protection IP 59k (in assembled condition)

**DE**

## Montage- und Betriebsanleitung

### Wichtige Hinweise

- Alle Arbeiten im spannungsfreien Zustand durchführen
- Vor Installation Rohrleitungen spülen!
- Armatur nur mit original Sieben und Rückflussverhinderern betreiben!
- In Abhängigkeit von der Wasserqualität, den örtlichen Gegebenheiten und den vor Ort geltenden Bestimmungen die Armatur in regelmäßigen Abständen prüfen und warten.

### Technische Daten

- Mindestfließdruck 1,0 bar
- Maximaler Betriebsdruck 10 bar
- Empfohlener Fließdruck 1-5 bar
- Volumenstrom bei 3 bar Fließdruck 6 l/min
- Thermostatischer Verbrühungsschutz laut DIN EN 1111.
- Anschlussspannung 6,75 / 12 V DC
- Leistungsaufnahme 1,5 W
- Schutzart IP 59k (im zusammengebauten Zustand)

**PL**

## Instrukcja montażu i obsługi

### Ważne wskazówki

- Wszystkie prace przeprowadzać po odłączeniu zasilania elektrycznego.
- Przed instalacją przepłukać rury!
- Po przeprowadzeniu montażu ustawić ograniczenie temperatury.
- Armatury należy używać wyłącznie z oryginalnymi sitkami i zaworami zwrotnymi!
- Armaturę należy poddawać regularnej kontroli i konserwacji w zależności od jakości wody, warunków lokalnych i obowiązujących przepisów.

**SV**

## Monterings- och driftinstruktion

### Viktiga informationer

- Genomför alla arbeten i spänningsslöst tillstånd.
- Spola igenom rörledningarna före installation!
- Ställ in temperaturstoppet efter installationen.
- Använd armaturen endast med originalsilar och originalåterflödesförhindrare!
- Kontrollera och serva armaturen med intervaller som bestäms av vattenkvaliteten samt de lokala förhållandena och de bestämmelser som gäller där.

## Dane techniczne

- Minimalne ciśnienie przepływu 1,0 bar
- Maksymalne ciśnienie robocze 10 barów
- Zalecane ciśnienie przepływu 1-5 barów
- Objętościowe natężenie przepływu przy ciśnieniu 3 barów 6 l/min
- Termostatyczne zabezpieczenie przed poparzeniem zgodnie z DIN EN 1111.
- Napięcie przyłączeniowe 6,75 / 12 V DC
- Pobór mocy 1,5 W
- Rodzaj ochrony IP 59k (w zmontowanym stanie)

## Tekniska data

- Minsta hydrauliska tryck 1,0 bar
- Maximalt drifttryck 10 bar
- Rekommenderat hydrauliskt tryck 1-5 bar
- Volymstrom vid 3 bar hydrauliskt tryck 6 l/min
- Termostatiskt skållningsskydd enligt DIN EN 1111.
- Anslutningsspänning 6,75 / 12 V DC
- Effektbehov 1,5 W
- Skyddsklass IP 59k (i hopsatt tillstånd)

**FR**

## Notice de montage et de mise en service

### Remarques importantes

- Effectuez tous les travaux quand le dispositif est hors tension.
- Rincer les conduites avant d'installer !
- Régler la butée de température après le montage.
- Ne faire fonctionner la robinetterie qu'avec les filtres et clapets de non retour d'origine !
- En fonction de la qualité de l'eau, ainsi que des conditions et des dispositions locales, il convient de contrôler et d'entretenir la robinetterie à intervalles réguliers.

### Données techniques

- Pression dynamique minimale 1,0 bar
- Pression de service maximale 10 bars
- Pression dynamique recommandée 1-5 bars
- Débit volumique pour 3 bars de pression dynamique 6 l/min
- Protection thermostatique contre les échaudures selon DIN EN 1111.
- Tension de raccordement 6,75 / 12 V DC
- Puissance absorbée 1,5 W
- Type de protection IP 59k (à l'état assemblé)

**CS**

## Návod pro montáž a provoz

### Důležité pokyny

- Veškeré práce vykonávejte ve stavu bez napětí.
- Před instalací potrubí propláchněte!
- Po montáži nastavte teplotní limit.
- Provozovat armaturu jen s originálními sítky a zařízeními proti zpětnému toku!
- V závislosti na kvalitě vody, místních podmínkách a předpisech platných v místě instalace je nutné provádět v pravidelných intervalech kontrolu a údržbu armatury.

### Technické údaje

- Minimální průtočný tlak 1,0 bar
- Maximální provozní tlak 10 bar
- Doporučený průtočný tlak 1-5 bar
- Průtok při průtočném tlaku 3 bar 6l/min
- Termostatická ochrana proti opačení podle normy DIN EN 1111.
- Připojné napětí 6,75 / 12 V DC
- Příkon 1,5 W
- Krytí IP 59k (ve smontovaném stavu)

**ES**

## Instrucciones de montaje y servicio

### Indicaciones importantes

- Todos los trabajos deben realizarse con la tensión de alimentación desconectada.
- ¡Enjuagar las tuberías antes de instalar!
- Tras finalizar el montaje, ajustar el tope de temperatura.
- ¡La grifería debe hacerse funcionar únicamente con los tamices y las válvulas antiretorno originales!
- En función de la calidad del agua, las condiciones locales y la legislación vigente, realizar las inspecciones y el mantenimiento de la grifería a intervalos regulares.

### Datos técnicos

- Presión mínima de flujo 1,0 bar
- Presión máxima de servicio 10 bares
- Presión de flujo recomendada 1-5 bares
- Flujo volumétrico con 3 bares de presión de flujo 6 l/min
- Protección termostática frente a escaldaduras según DIN EN 1111.
- Tensión de conexión 6,75 / 12 V DC
- Consumo de potencia 1,5 W
- Modo de protección IP 59k (en estado montado)

**FI**

## Asennus- ja käyttöohje

### Tärkeitä ohjeita

- Kaikki työt on tehtävä jännitteettömälle järjestelmälle.
- Huutele putkijohdot ennen asennusta!
- Kun asennus on tehty, säädä lämpötilarajoitin.
- Käytä varusteet vain alkuperäisten sihtien ja takaisinvirtauksen eston kanssa!
- Hana tulee tarkistaa ja huoltaa säännöllisin väliajoin veden laadusta, paikallisista oloista ja paikalla voimassa olevista määräyksistä riippuen.

### Tekniset tiedot

- Vähimmäisvirtauspaine 1,0 bar
- Suurin käyttöpaine 10 bar
- Suositeltava virtauspaine 1-5 bar
- Tilavuusvirta 3 barin virtauspaineella 6 l/min
- Termostaattinen kuumavesisuoja DIN EN 1111 mukaan
- Verkkojännite 6,75 / 12 V DC
- Tehonkulutus 1,5 W
- Suojaustapa IP 59k (kootussa tilassa)

**IT**

## Istruzioni per il montaggio e l'uso

### Avvertenze importanti

- Eseguire tutti i lavori fuori tensione.
- Sciacquare le tubazioni prima di installare!
- A montaggio avvenuto impostare il blocco temperatura.
- Utilizzare la rubinetteria esclusivamente con i filtri e le valvole antiriflusso originali!
- Controllare e sottoporre a manutenzione l'apparecchio ad intervalli regolari, in funzione della qualità dell'acqua, delle caratteristiche locali e delle vigenti disposizioni locali.

**RU**

## Инструкция по монтажу и вводу в эксплуатацию

### Важные указания

- Выполняйте все работы при отключенном напряжении.
- Перед инсталляцией промыть трубы!
- После произведенного монтажа настроить температурный упор.
- Эксплуатировать арматуру только с оригинальными фильтрами и клапанами обратного течения!
- Арматуру необходимо регулярно чистить и обслуживать в зависимости от качества воды, местных условий и действующих в месте эксплуатации предписаний.

## **Specifiche tecniche**

- Pressione idraulica min. 1,0 bar
- Pressione di esercizio max. 10 bar
- Pressione idraulica consigliata 1-5 bar
- Portata volumetrica a 3 bar di pressione idraulica 6 l/min
- Protezione antiscottatura termostatica secondo DIN EN 1111.
- Tensione di allacciamento 6,75 / 12 V DC
- Potenza assorbita 1,5 W
- Tipo di protezione IP 59k (Nello stato montato)

## **Технические характеристики**

- Минимальный гидравлический напор 1,0 бар
- Максимальное рабочее давление 10 бар
- Рекомендуемый гидравлический напор 1-5 бар
- Объемный расход при гидравлическом напоре 3 бар 6 л/мин
- Термостатическая система защиты от ожога горячим паром/жидкостью согласно стандарту DIN EN 1111.
- Напряжение питающей сети 6,75 / 12 В постоянного тока
- Потребляемая мощность 1,5 Вт
- Вид защиты IP 59k (в собранном состоянии)

**NL**

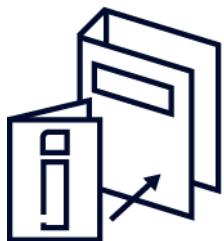
## **Montage- en bedrijfsinstructies**

### **Belangrijke aanwijzingen**

- Alle werkzaamheden in spanningsloze toestand uitvoeren.
- Voor installatie buisleidingen spoelen!
- Na de montage de temperatuurbegrenzing instellen.
- Na de montage de temperatuurbegrenzing instellen!
- Armatuur alleen met originele zeven en terugstroomkleppen gebruiken!
- Afhankelijk van de waterkwaliteit, de plaatselijke omstandigheden en de plaatselijke voorschriften de armatuur regelmatig controleren en onderhouden.

### **Technische gegevens**

- Minimale dynamische druk 1,0 bar
- Maximale werkdruk 10 bar
- Aanbevolen dynamische druk 1-5 bar
- Volumestroom bij 3 bar dynamische druk 6 l/min
- Thermostatische beveiliging tegen verbranding volgens DIN EN 1111.
- Aansluitspanning 6,75 / 12 V DC
- Opgebroken vermogen 1,5 W
- Veiligheidsgraad IP 59k (in gemonteerde toestand)



## 1. Montage

EN Installation

FR Montage

ES Montaje

IT Montaggio

NL Montage

PL Montaż

SV Montering

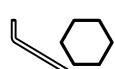
CS Montáž

FI Asennus

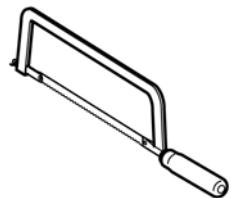
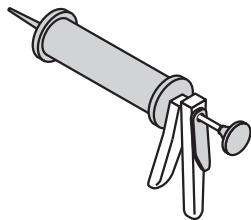
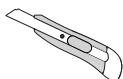
RU Монтаж



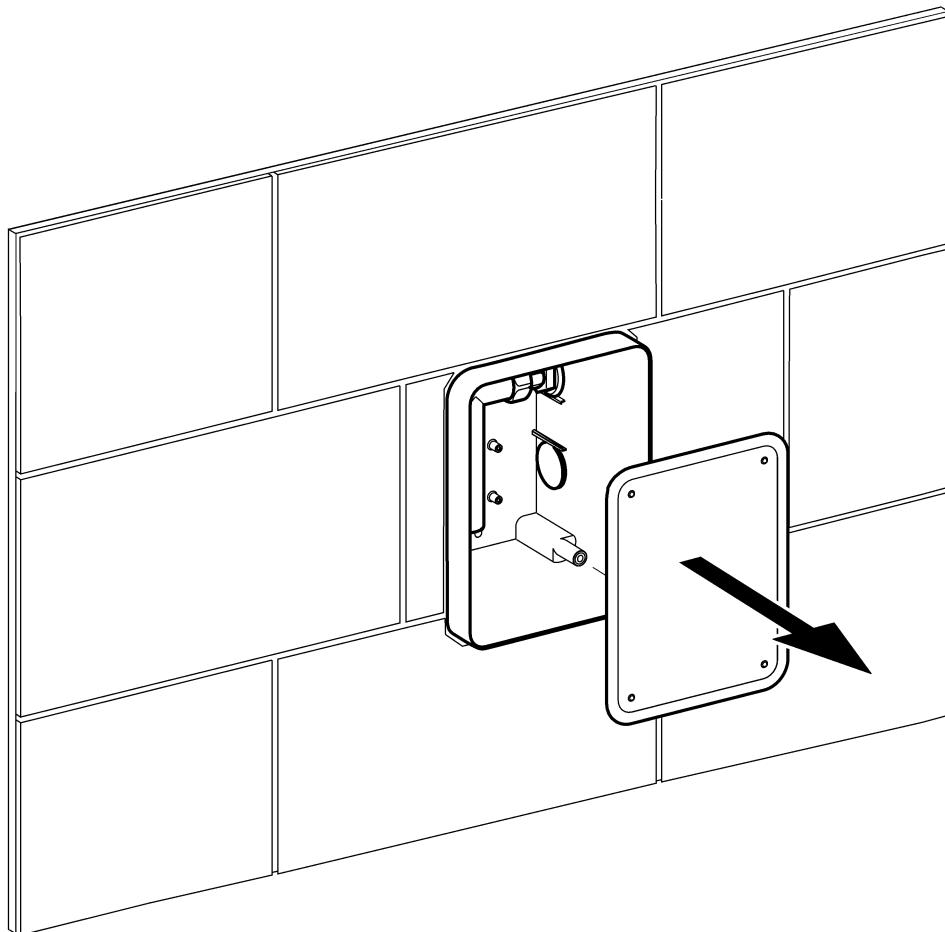
19 mm  
30 mm



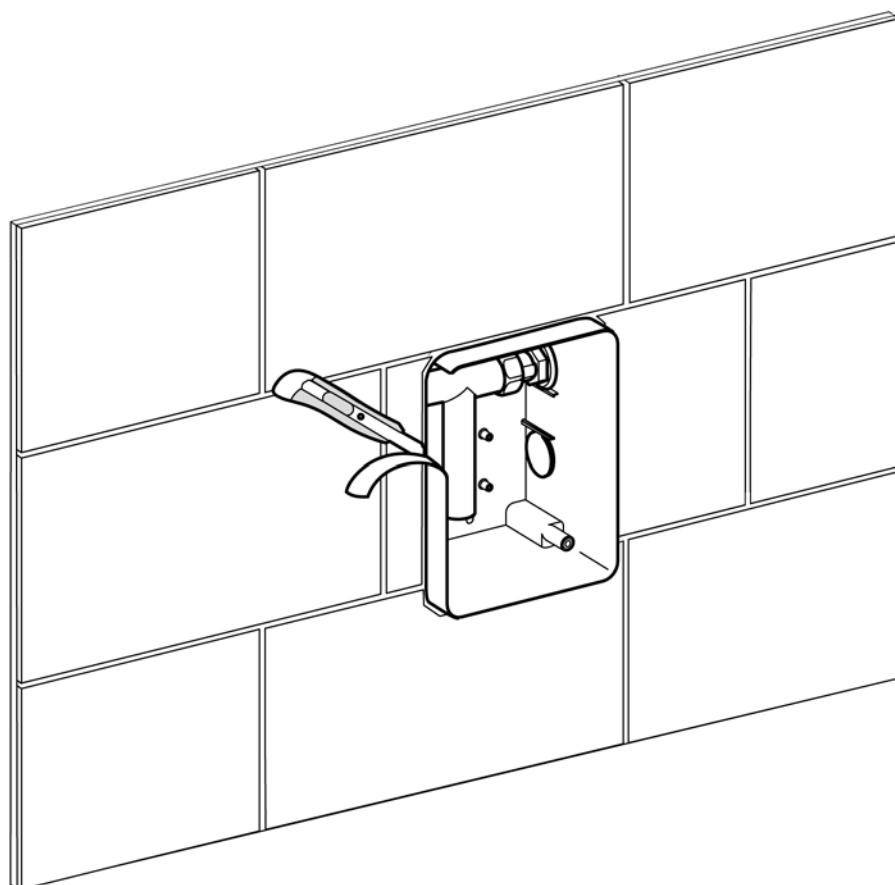
3 mm  
5 mm

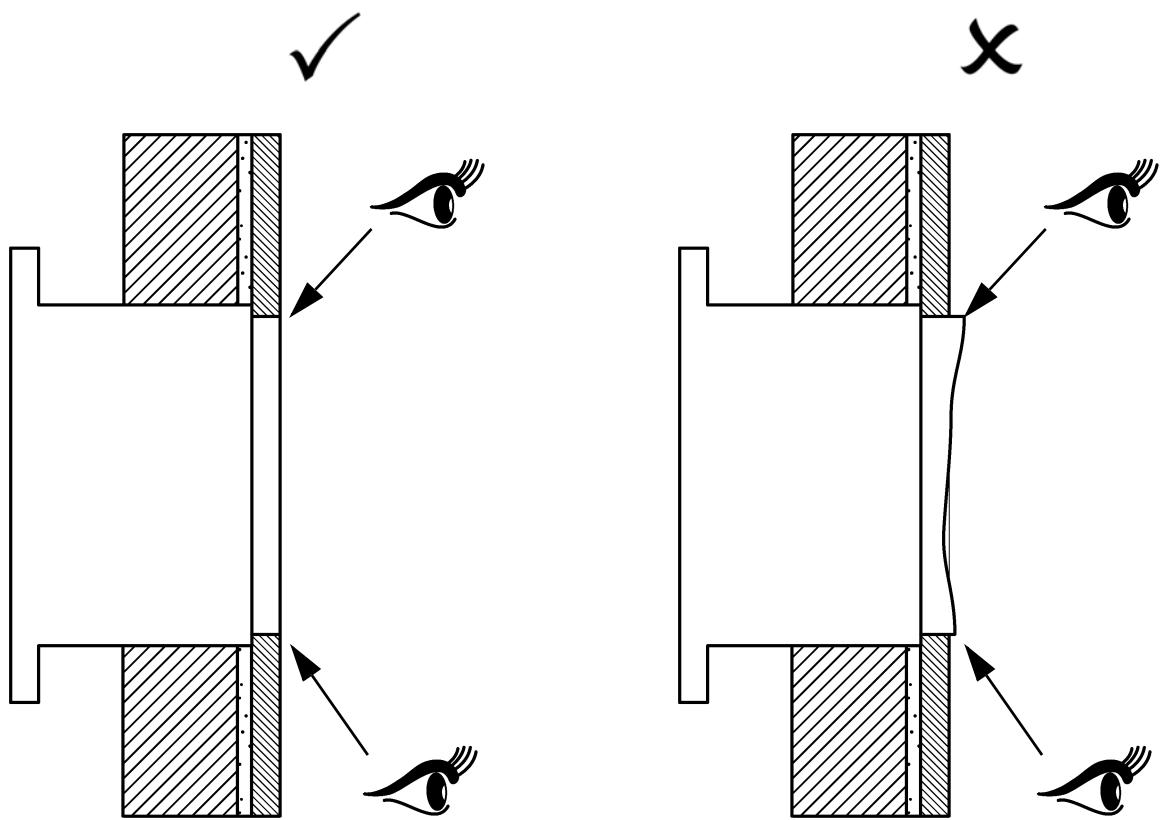


**1**

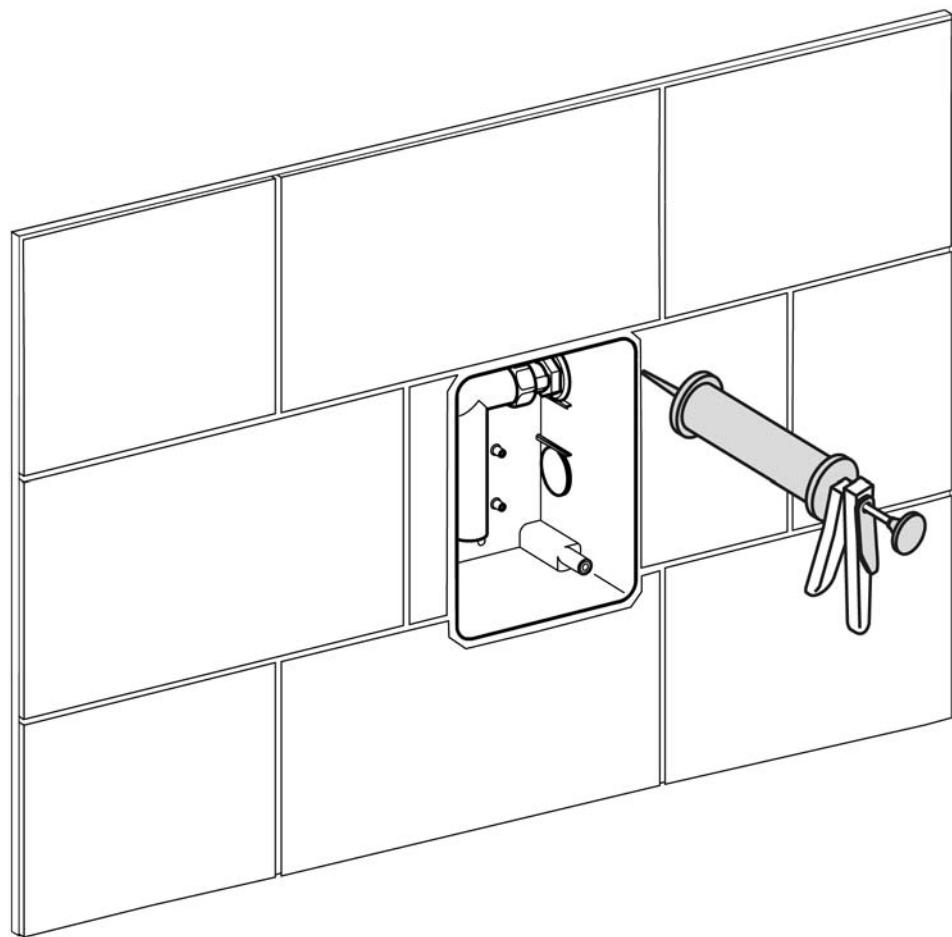


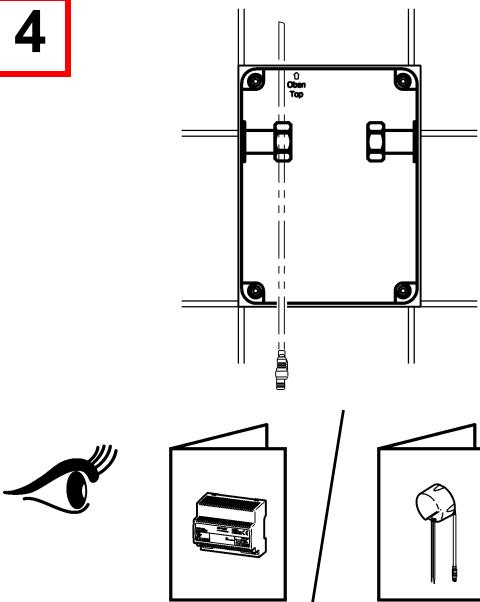
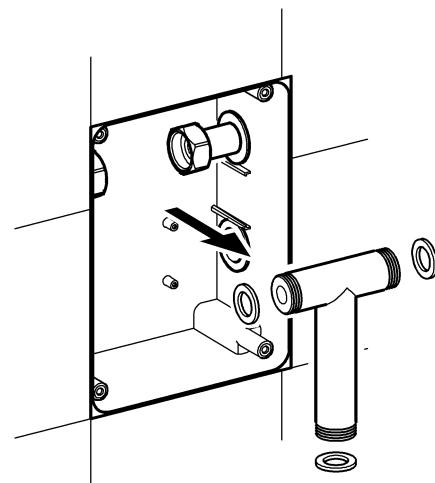
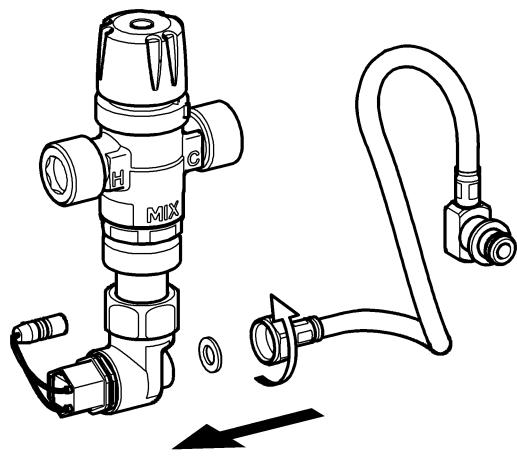
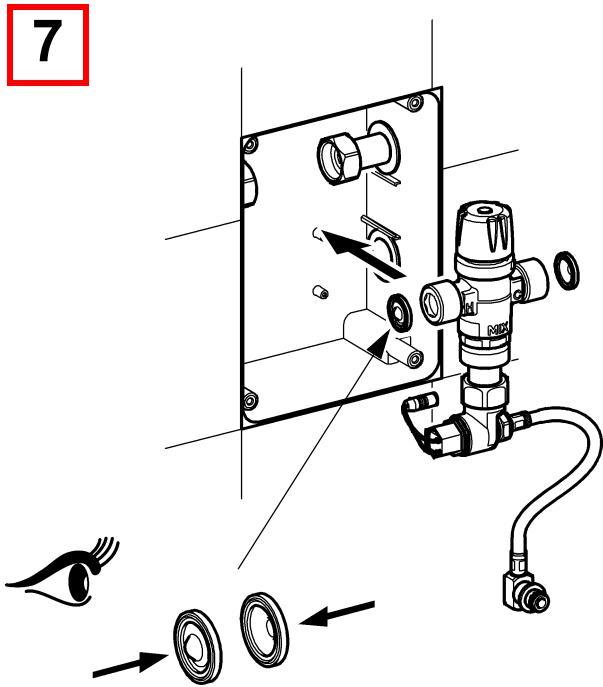
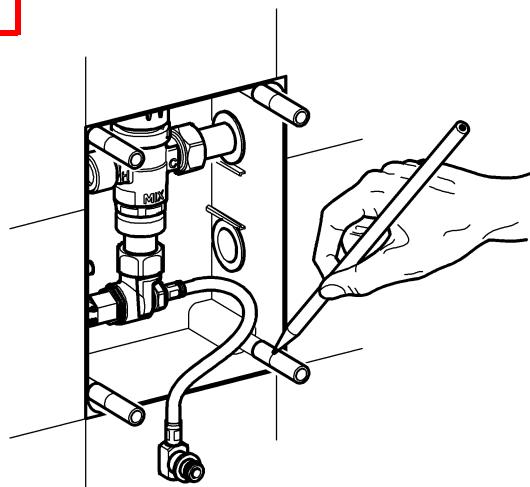
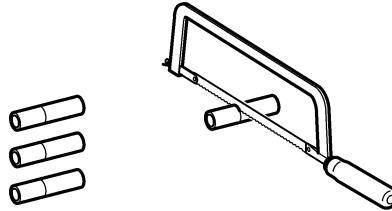
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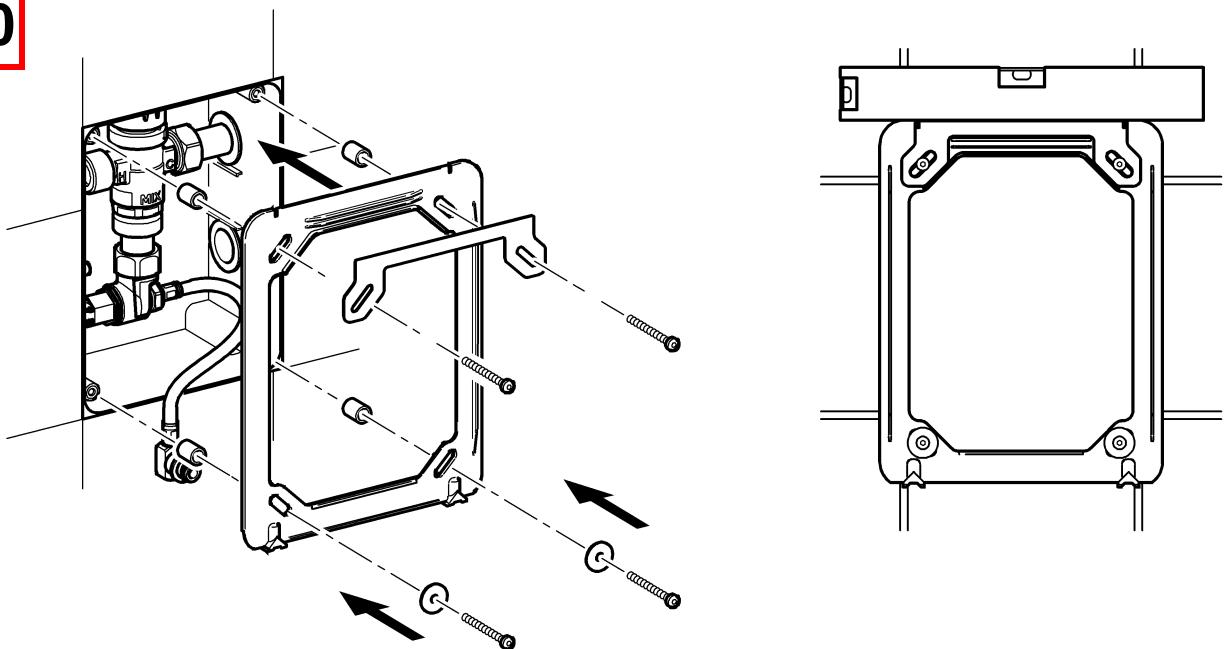
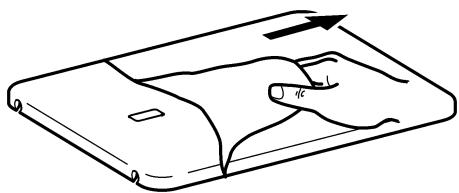
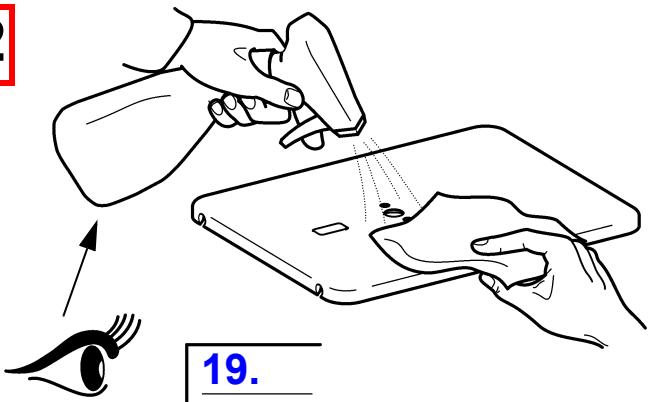
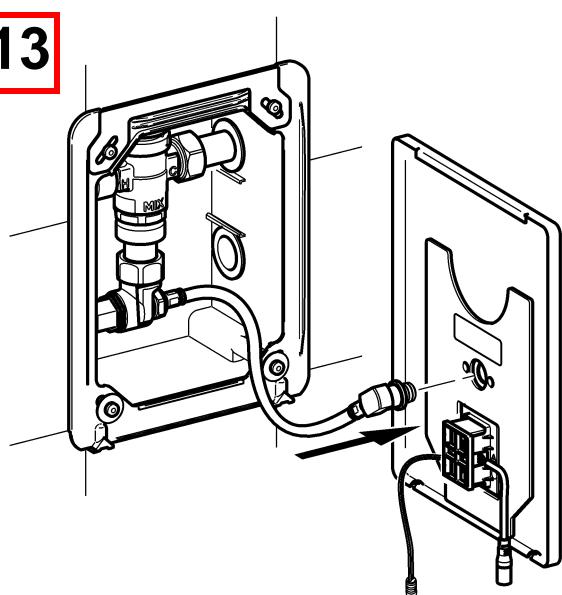
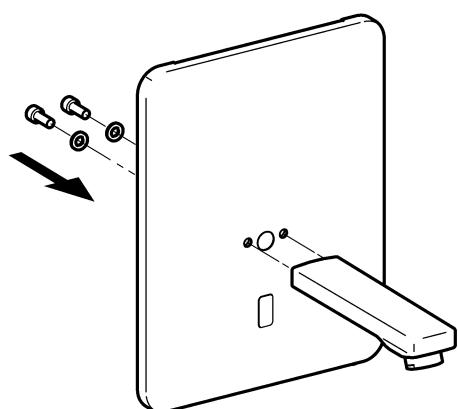


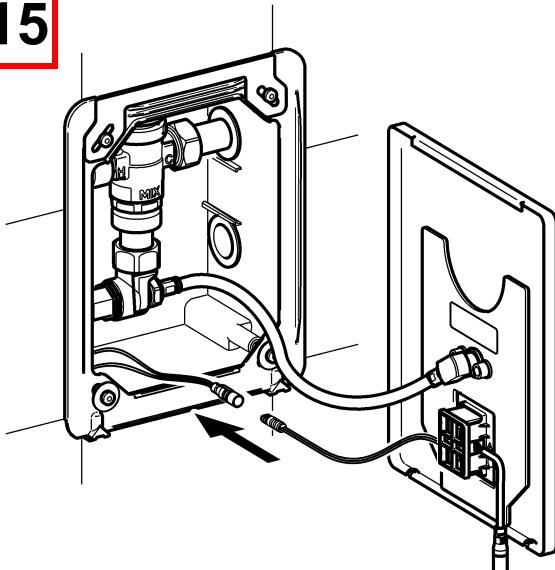
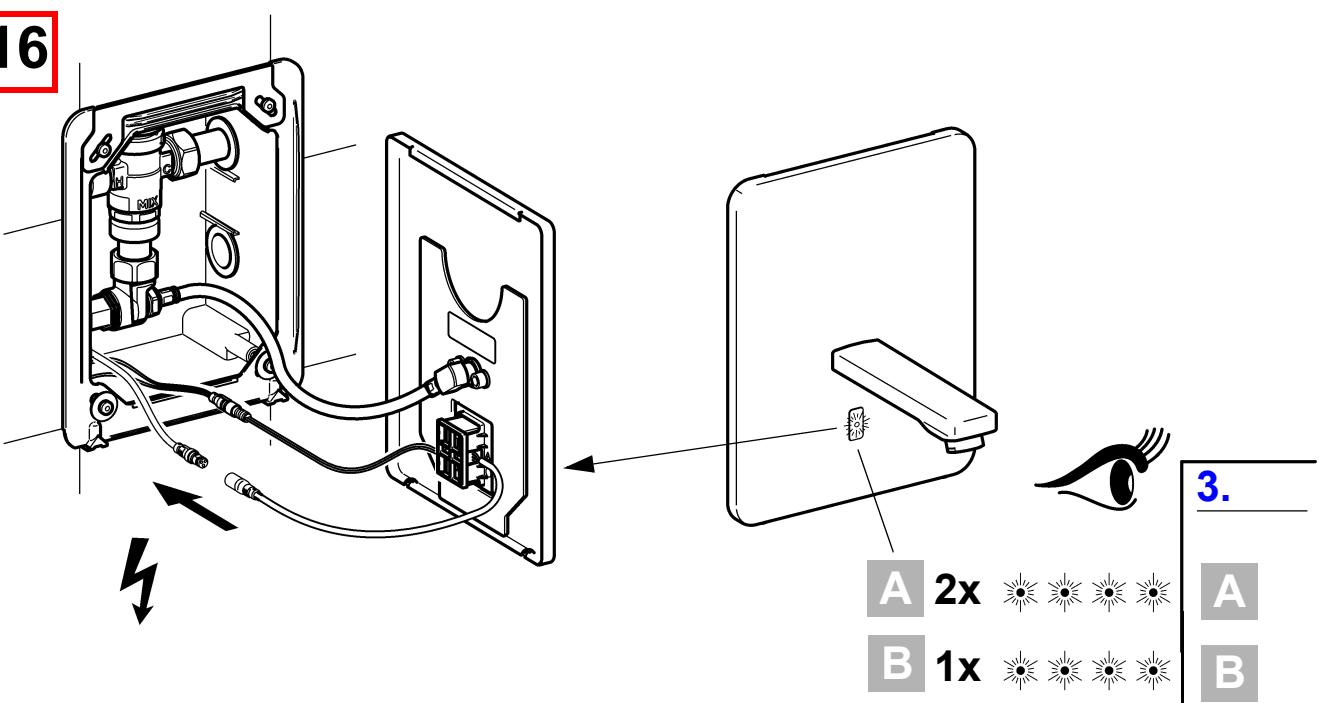
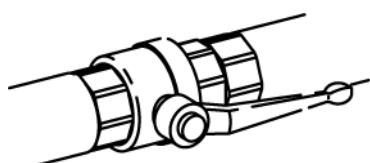
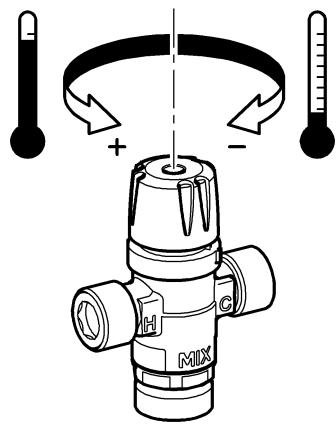


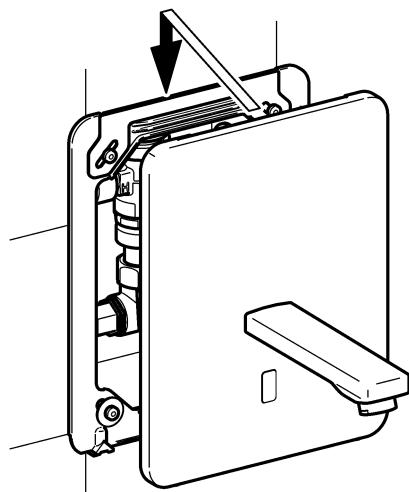
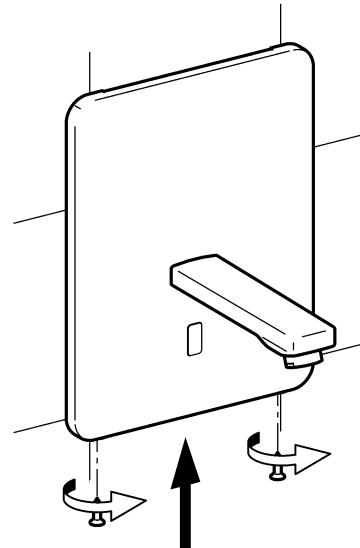
**3**



**4****5****6****7****8****9**

**10****11****12****19.****13****14**

**15****16****17****18**

**19****20**

## 2. Funktion

EN Function

FR Fonctionnement

ES Función

IT Funzionamento

NL Werking

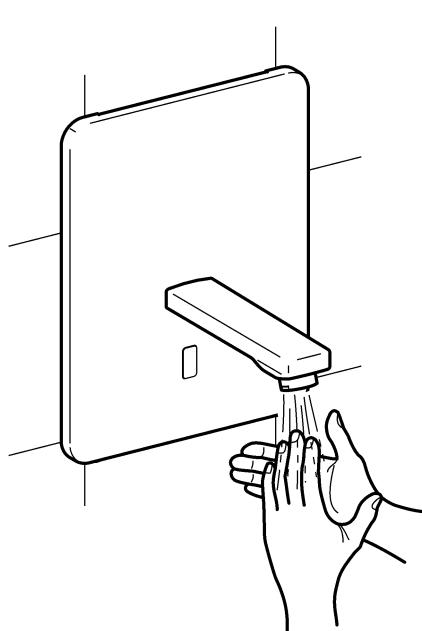
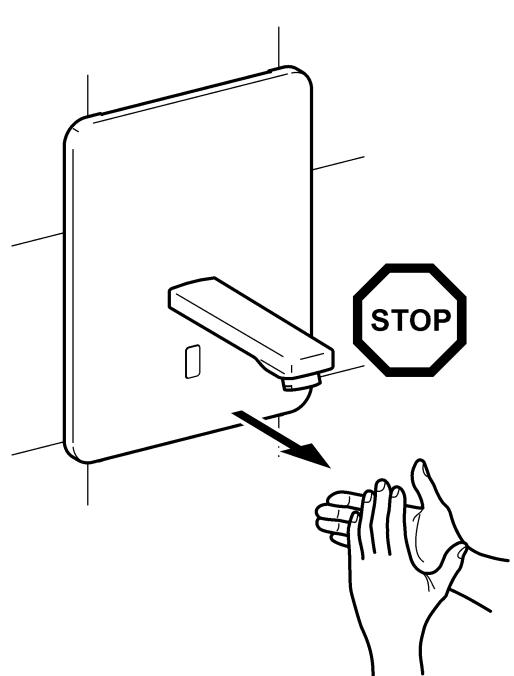
PL Funkcja

SV Funktion

CS Funkce

FI Toiminto

RU Функционирование

**1****2**

### 3. Hygienespülung ein- / ausschalten

EN Switching hygiene flushing on/off	NL Hygiënische spoeling in-/uitschakelen	CS Zapněte/vypněte hygienické propláchnutí
FR Activer/désactiver le rinçage hygiénique	PL Włączyć/wyłączyć spłukiwanie higieniczne	FI Hygieniahuuhtelun pääle-/ pois päältäkytkeminen
ES Activar/Desactivar el aclarado higiénico	SV Koppla hygienspolningen till / från	RU Гигиеническое промывание включить/выключить
IT Attivare/disattivare lo sciacquo igienico		

#### EN

- Ensure open outlet.
- After 24h of non-use, water flows 30 s

#### DE

- Freien Auslauf gewährleisten.
- Nach 24 h Nichtbenutzung fließt 30 s Wasser.

#### FR

- Garantir un écoulement libre.
- L'eau s'écoule pendant 30 s. après 24 h de non utilisation.

#### ES

- Garantizar una salida libre.
- Si no se realiza ningún uso durante 24 horas, fluye agua durante 30 segundos.

#### IT

- Garantire l'erogazione libera.
- Dopo 24h di inutilizzo scorre acqua per 30 s.

#### NL

- Vrije uitloop garanderen.
- Na 24 uur niet te zijn gebruikt stroomt er gedurende 30 s. water.

#### PL

- Zapewnić swobodny wylot.
- Po 24 godz. niekorzystania przez 30 s. wypływa woda.

#### SV

- Garantera fritt avlopp.
- Vatten flyter 30 s efter 24 timmars användningspaus.

#### CS

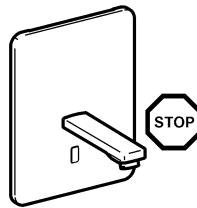
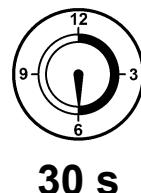
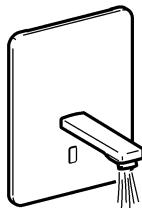
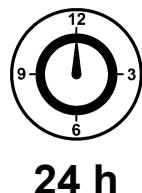
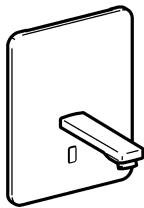
- Zajistěte volný odtok.
- Při nepoužívání 24 h nechte 30 s téct vodu.

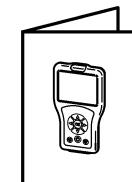
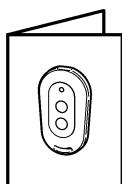
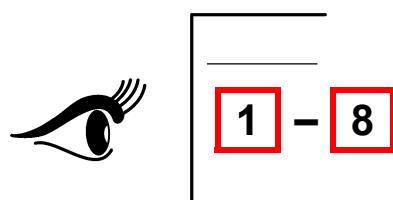
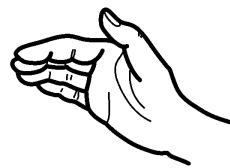
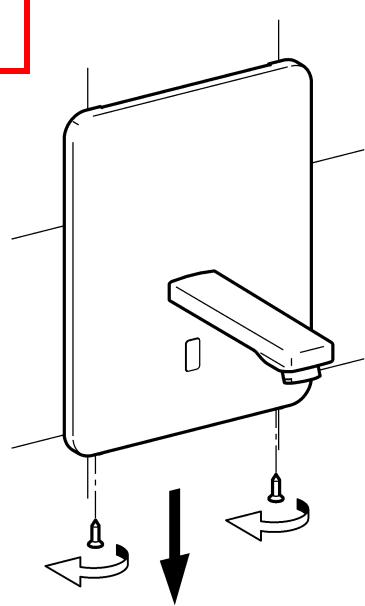
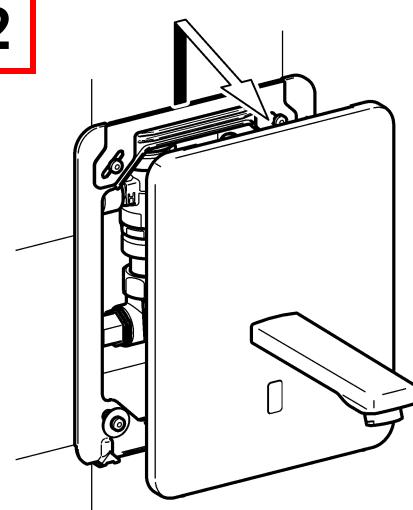
#### FI

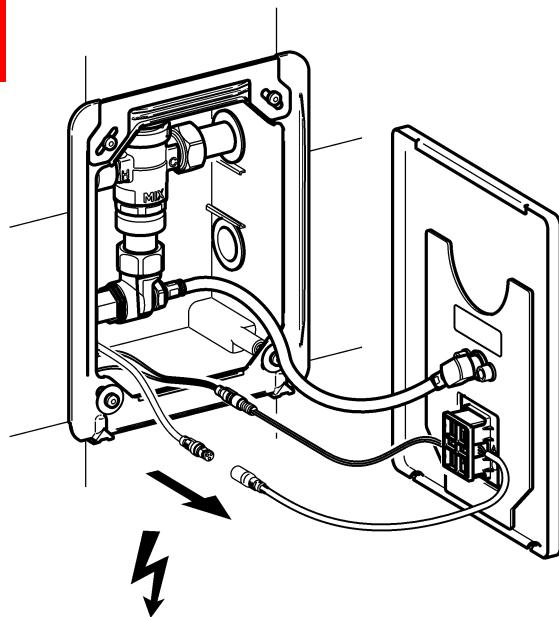
- Vapaan virtauksen takaaminen.
- Käytämättömänä 24 h jälkeen virtaa vettä 30 s.

#### RU

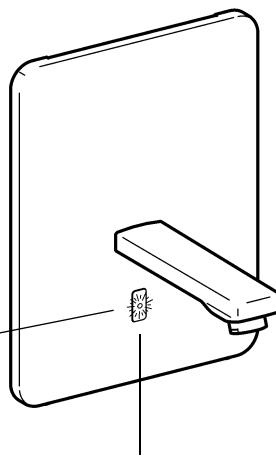
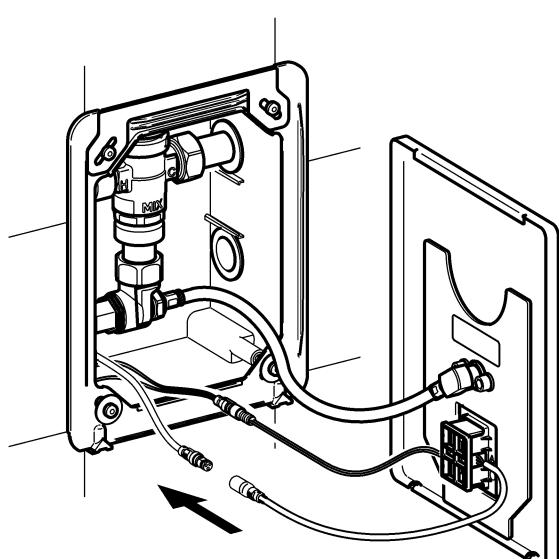
- Обеспечить беспрепятственный слив
- После того, как устройство не используется в течение 24 ч, в течение 30 сек течёт вода.

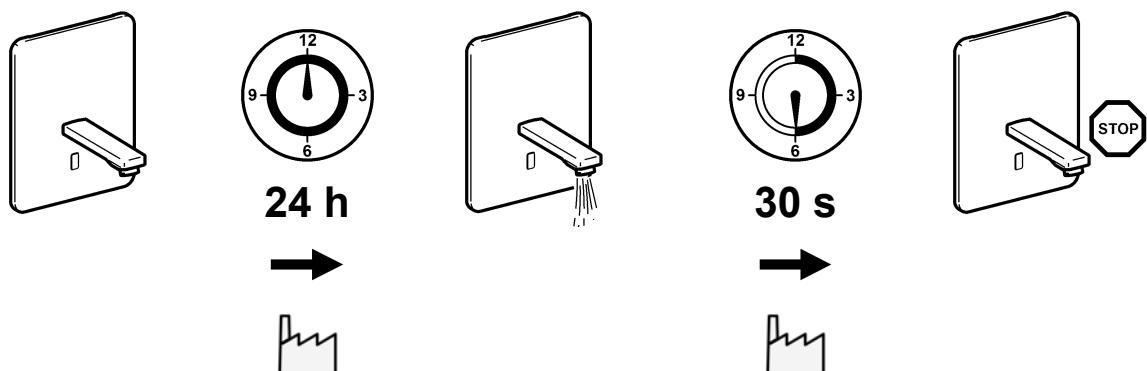
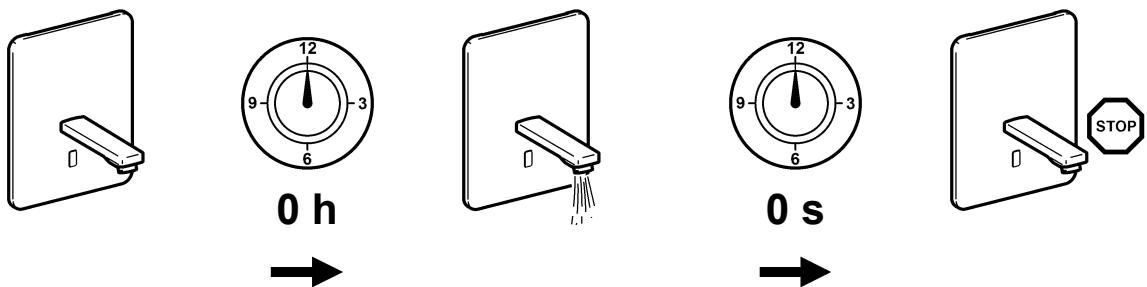
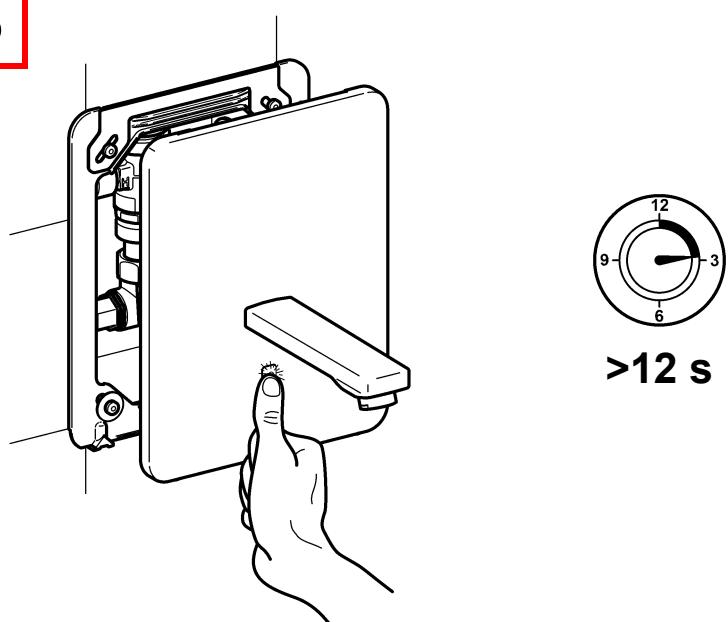


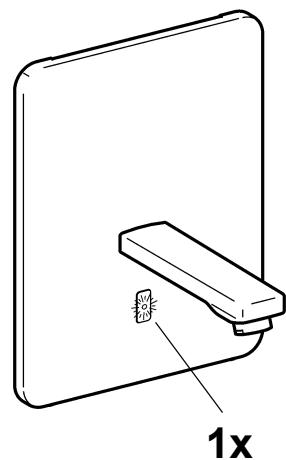
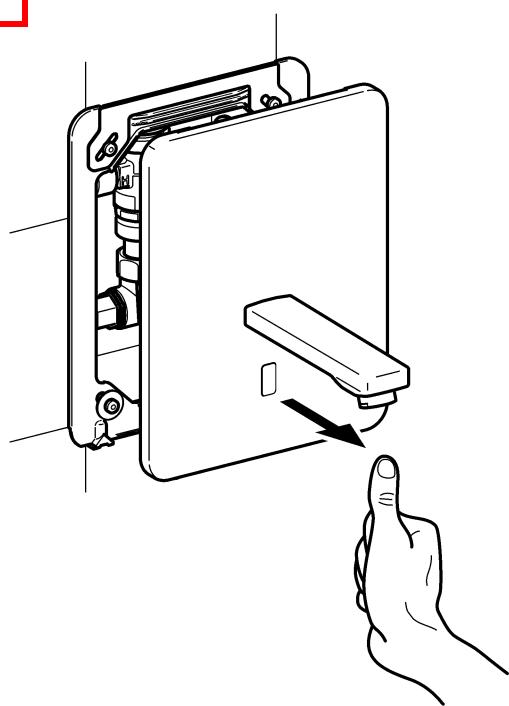
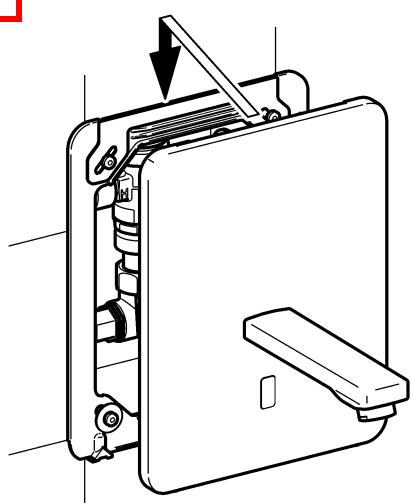
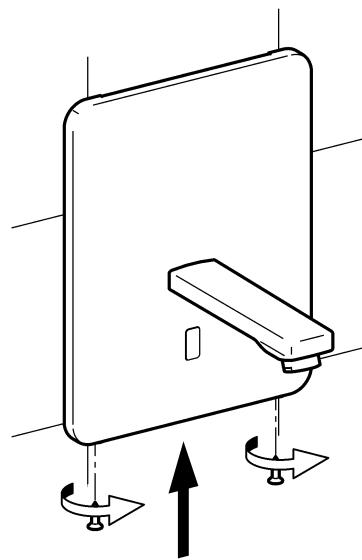
**1****2**

**3****4**

60 s

**A 2x** **B 1x**

**A****B****5**

**6****1x****7****8**

## 4. Armatur ausschalten

EN Switch off the valve

FR Désactiver la robinetterie de

ES Desconectar la grifería

IT Disattivazione della rubinetteria

NL Armatuur uitschakelen

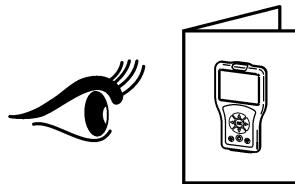
PL Wyłączenie baterii

SV Avstängning av armatur

CS Vypnout armaturu

FI Hanan kytkeminen pois päältä

RU Выключение смесителя



## 5. Dauerlauf starten

EN Start continual flow

FR Démarrer la marche continue

ES Iniciar el enjuague continuo

IT Avviare l'erogazione continua

NL Continue stroming starten

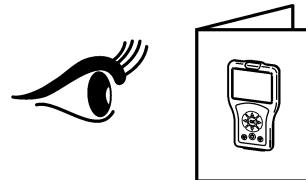
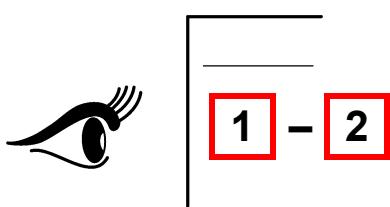
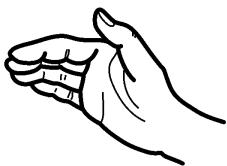
PL Uruchomić stały wypływ wody

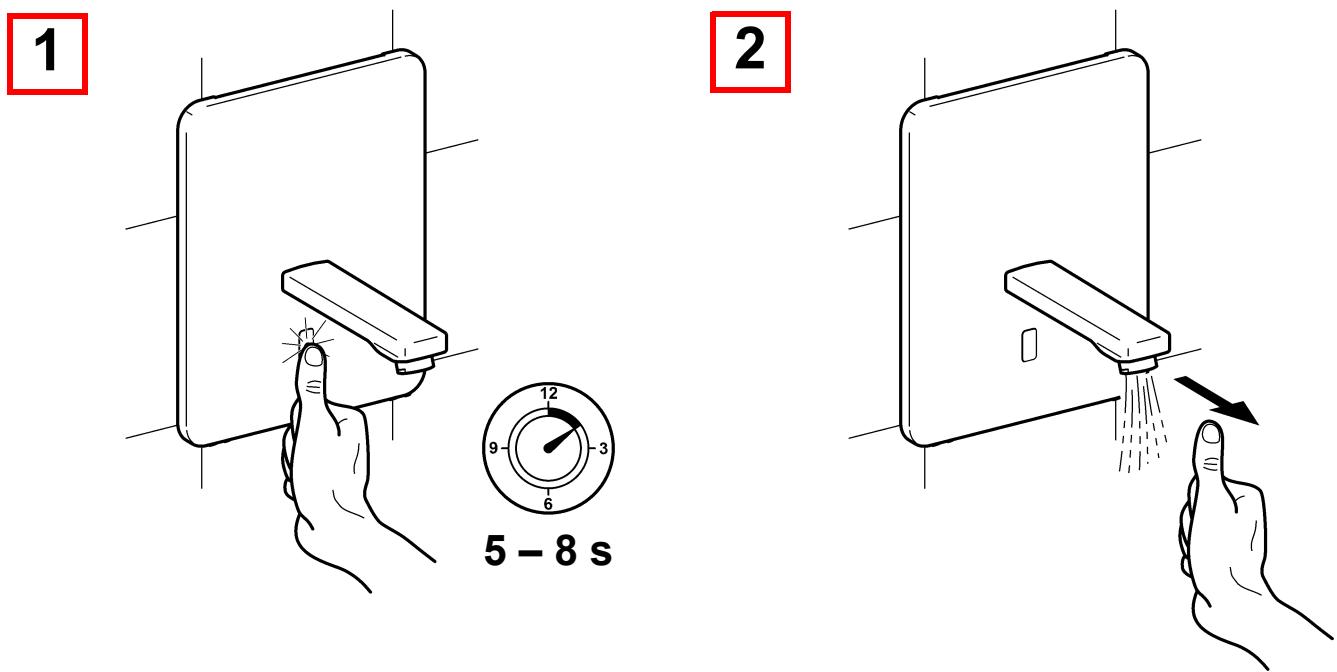
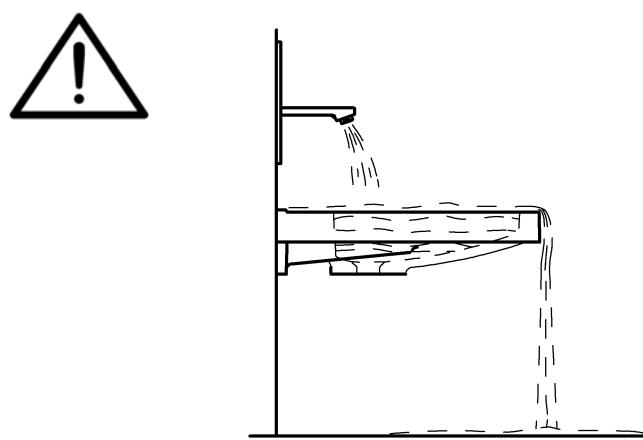
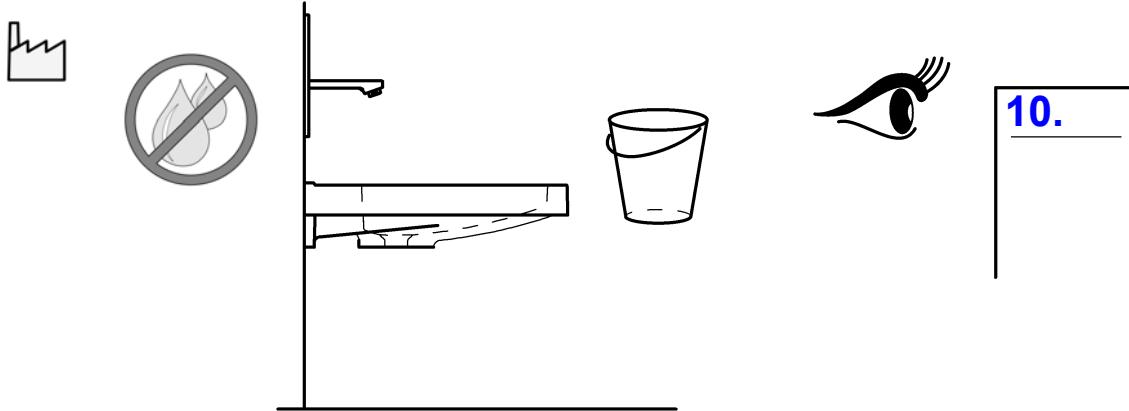
SV Starta kontinuerlig drift

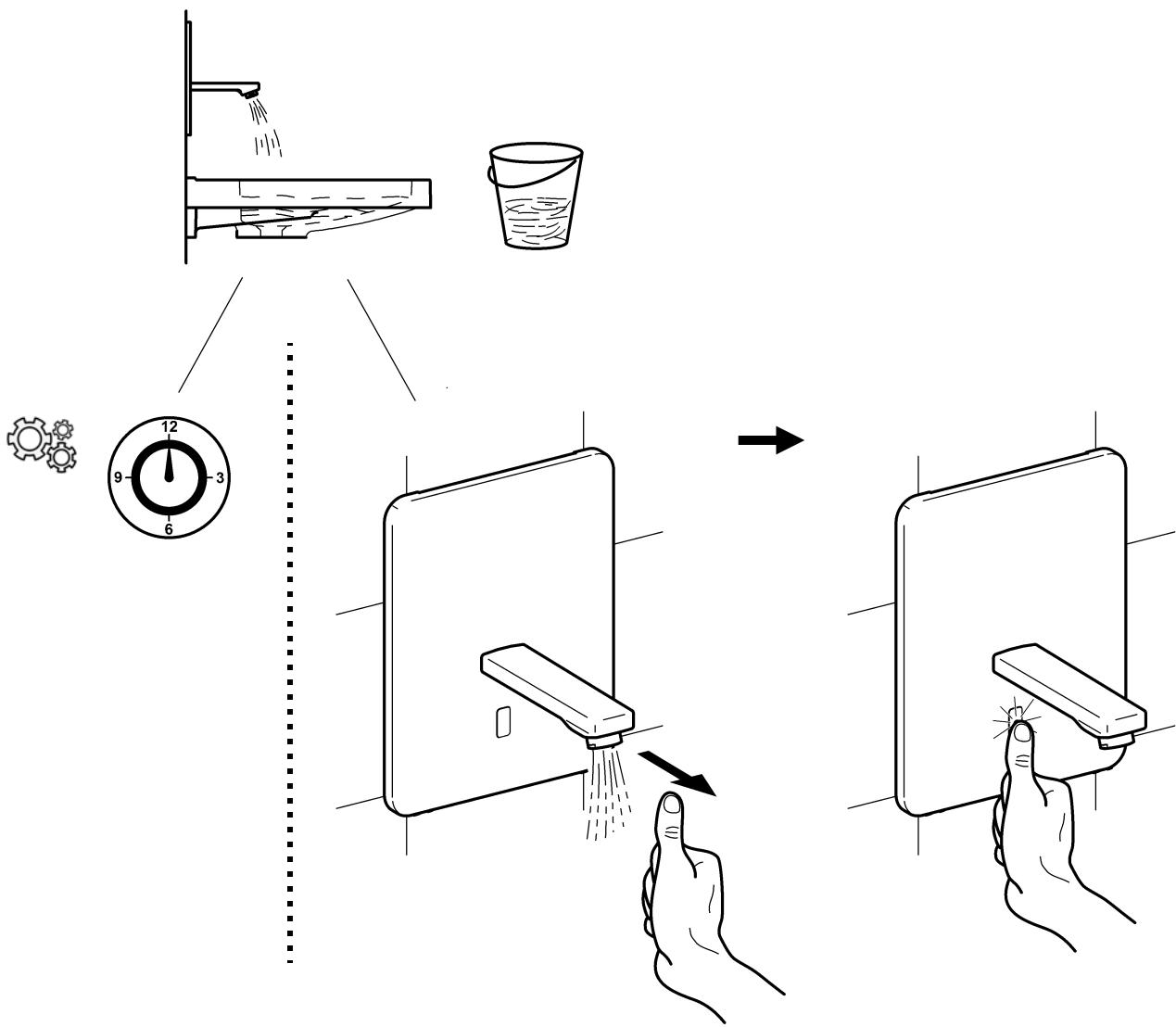
CS Spustit trvalý provoz

FI Tuotantokäytön aloittaminen

RU запустить ресурс

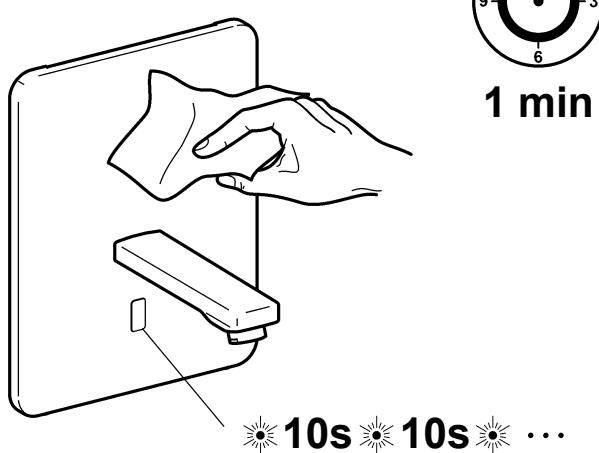
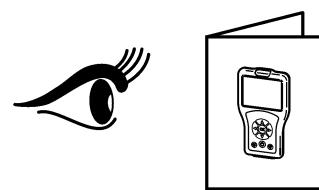
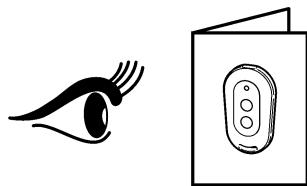






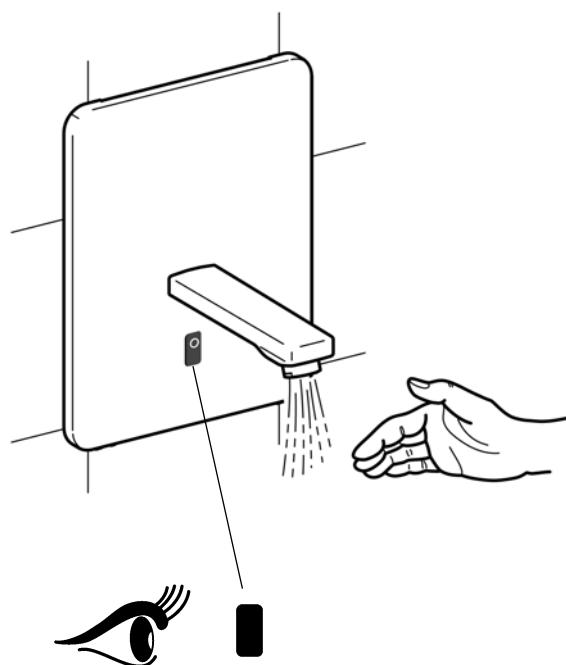
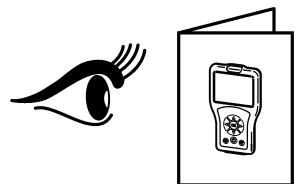
## 6. Reinigungsabschaltung einschalten

EN Switch on cleaning switch-off	NL Inschakelen van de reiniging shutdown	CS Vypínač pro čištění
FR Activer l'arrêt de nettoyage	PL Włączanie wyłączenia na czas czyszczenia	FI Aktivoida pesuseisokkien
ES Activar el apagado de limpieza	SV Aktivera rengöringsavstängning	RU активировать чистка завершение работы
IT Attivare dello spegnimento per pulizia		



## 7. Erkennungs-Rückmeldung einschalten

EN Switch on detection feedback	NL Detectie-feedback inschakelen	CS Zapnutí identifikačního zpětného
FR Activation de la réponse d'identification	PL Włączyć komunikat zwrotny rozpoznania	hlášení
ES Activar la confirmación de detección	SV Slå på respons vid detektering	FI Kytke tunnistuksen palaute päälle
IT Attivare feedback rilevamento		RU Включить подтверждение идентификации



## 8. Reichweite einstellen

EN Adjusting the range

FR Réglage de la portée

ES Ajuste del alcance

IT Impostazione della portata

NL Actieradius instellen

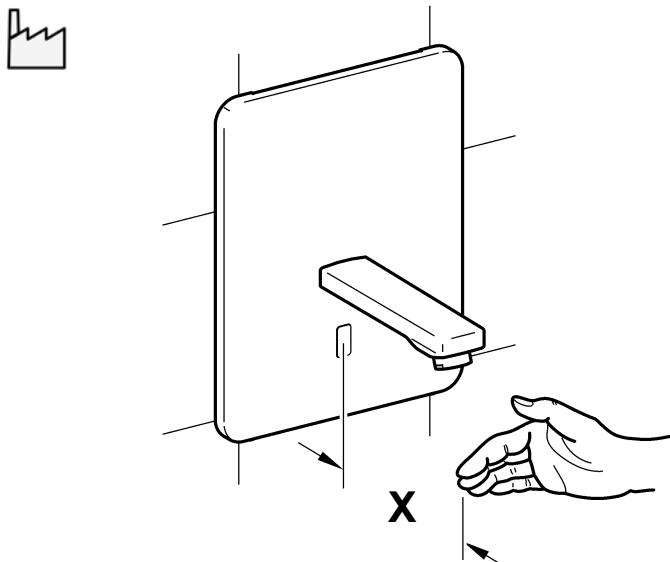
PL Ustawienie zasięgu

SV Ställa in räckvidden

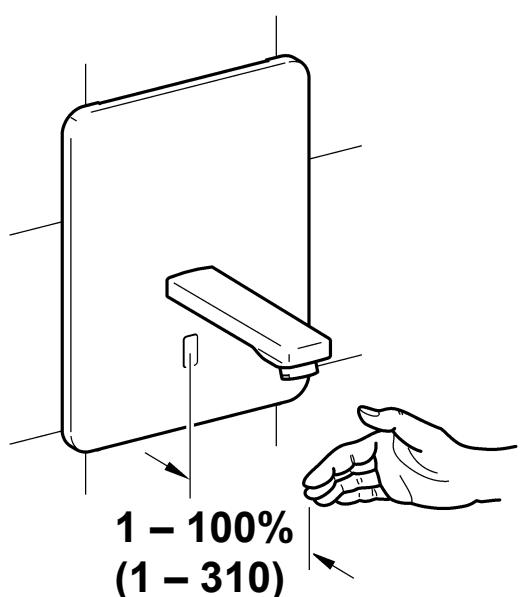
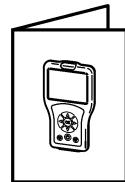
CS Nastavení dosahu

FI Tunnistusetäisyysten säättäminen

RU Настройка дальности действия



	X
F3ET1010	45% (~125)
F3ET1011	65% (~185)
F3ET1012	80% (~250)



## 9. Hygienespülung einstellen

EN Setting the hygiene flush	NL Instellen van de hygiënespoeling	CS Nastavení hygienického proplachování
FR Réglage de la rinçage d'hygiène	PL Ustawianie spłukiwania higienicznego	FI Hygieniahuuhtelun säättäminen
ES Ajuste del higiene enjuague	SV Ställa in hygienspolning	RU установив гигиена смыва
IT Impostare lo igiene risciacquo		

### EN

- C: Interval adjustable in h
- D: Flow duration adjustable in s

### DE

- C: Intervall einstellbar in h
- D: Fließzeit einstellbar in s

### FR

- C: intervalle réglable en h
- D: durée d'écoulement réglable en s

### ES

- C: Intervalo ajustable en horas
- D: Tiempo de flujo activable en seg

### IT

- C: intervallo impostabile in h
- D: durata di flusso impostabile in s

### NL

- C: Interval instelbaar in u
- D: Stromingstijd instelbaar in s

### PL

- C: odstęp czasu regulowany w godzinach
- D: czas przepływu regulowany w sekundach

### SV

- C: Intervall kan ställas in i timmar
- D: Flödestid kan ställas in i sekunder

### CS

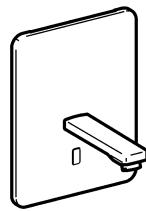
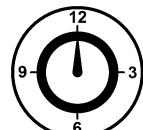
- C: Interval s nastavením v h
- D: Doba průtoku s nastavením v s

### FI

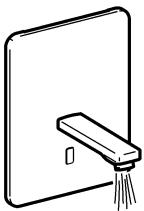
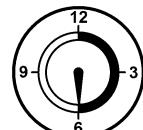
- C: Aikaväli, asetettavissa h
- D: Virtausaika, asetettavissa s

### RU

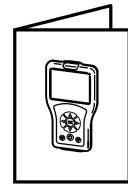
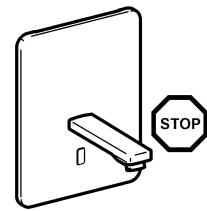
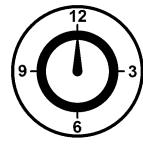
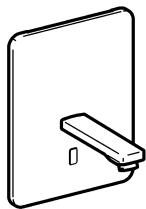
- C: интервал задается в ч
- D: время течения задается в сек.

**C**

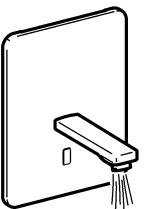
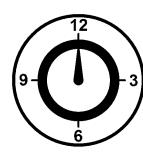
24 h

**D**

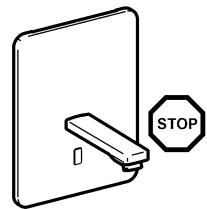
30 s

**C**

1 - 255 h

**D**

1 - 255 s



## 10. Dauerlauf einstellen

EN Setting continuous operating mode

FR Réglage du fonctionnement en continu

ES Ajuste del funcionamiento ininterrumpido

IT Impostazione del flusso continuo

NL Continue stroming instellen

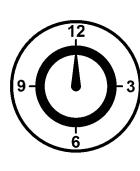
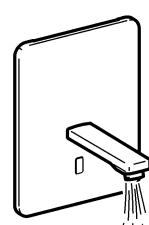
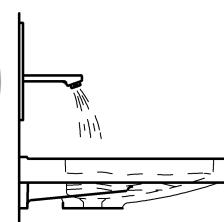
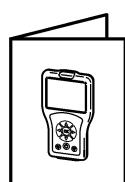
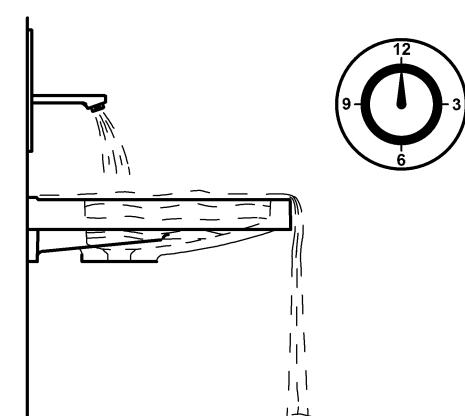
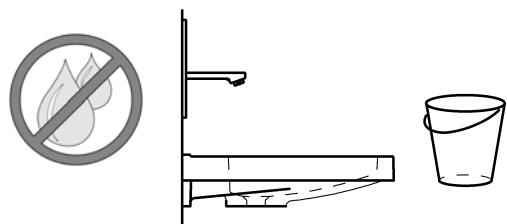
PL Ustawienie ciągłego wypływu

SV Ställa in permanent flöde

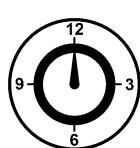
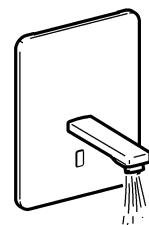
CS Nastavení pomalejšího toku

FI Tuotantokäytön säättäminen

RU Настройка непрерывного режима



**60 s**



**1 – 255 s**

## 11. Reinigungsabschaltung einstellen

EN Set the range

FR Régler le rayon d'action

ES Regular el alcance

IT Impostare la portata

NL Actieradius instellen

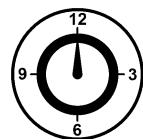
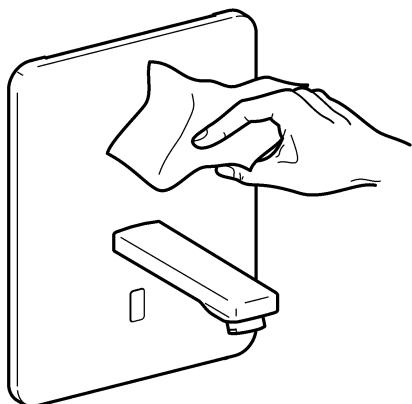
PL Ustawienie zasięgu

SV Ställa in räckvidden

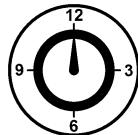
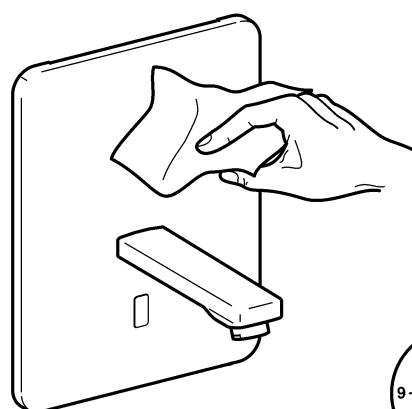
CS Nastavení dosahu

FI Aseta ulottuma

RU установить диапазон значений



1 min



1 – 255 min

## 12. Wartung

EN Maintenance

FR Maintenance

ES Mantenimiento

IT Manutenzione

NL Onderhoud

PL Konserwacja

SV Underhåll

CS Varování

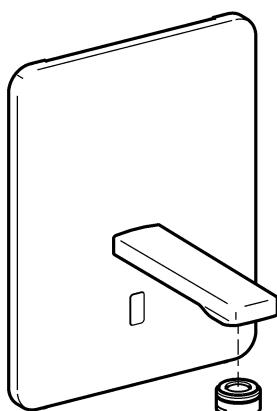
FI Huolto

RU Техническое обслуживание

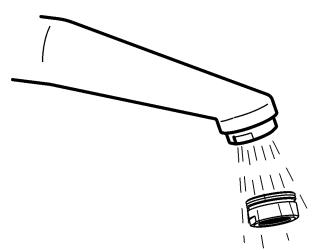


22 mm

1



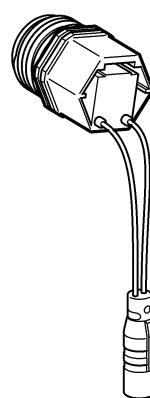
2



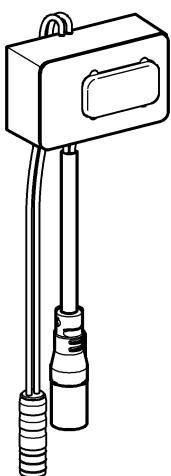
15.



16.



17.



## 13. Abdeckplatte abnehmen

EN Remove the cover plate

FR Retrait de la plaque de protection

ES Retirar la placa cobertora

NL Afdekplaat weghalen

PL Zdejmowanie płytki maskującej

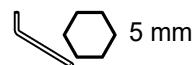
SV Avlägsna täckplattan

IT Rimozione della piastrina di copertura

CS Sejmoutí krycí desky

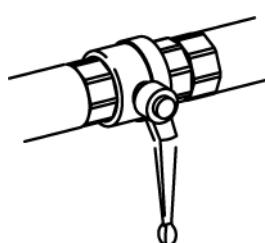
FI Peitelevyn irrottaminen

RU Демонтаж крышки

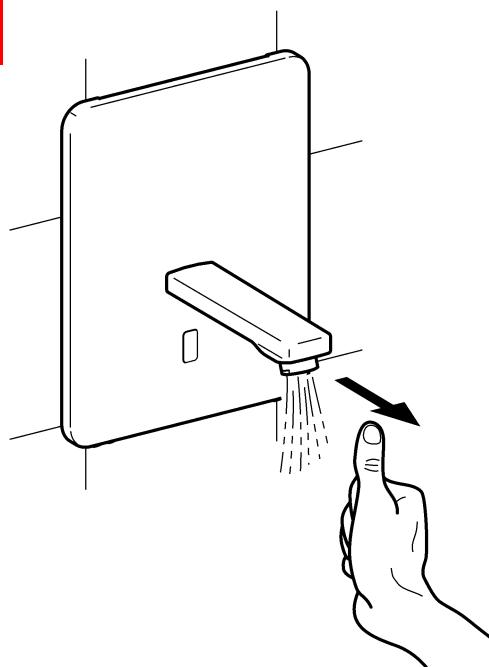


5 mm

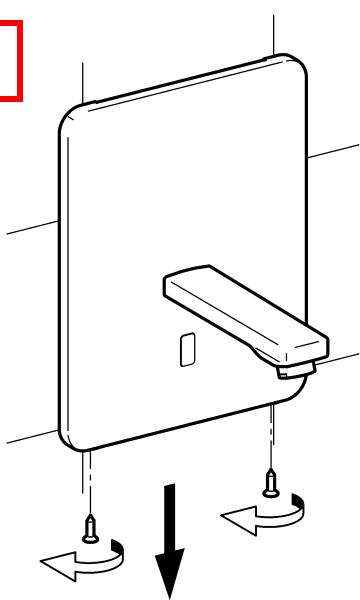
**1**



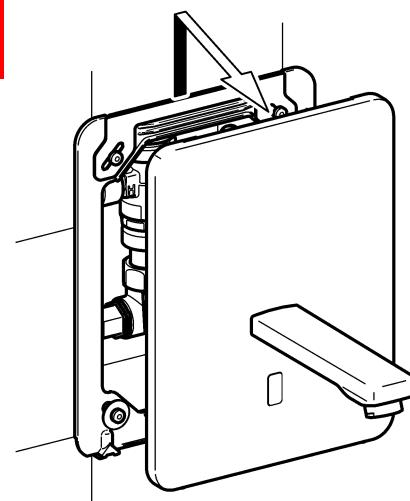
**2**

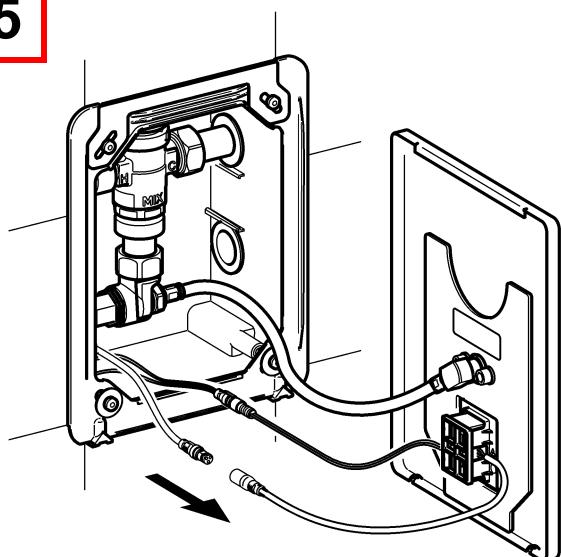
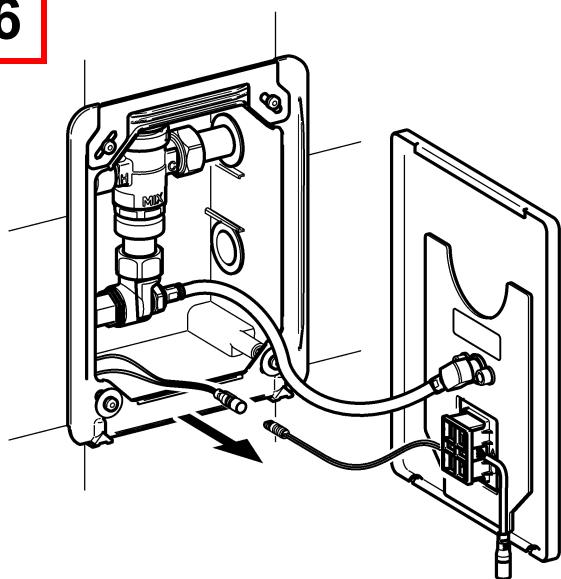
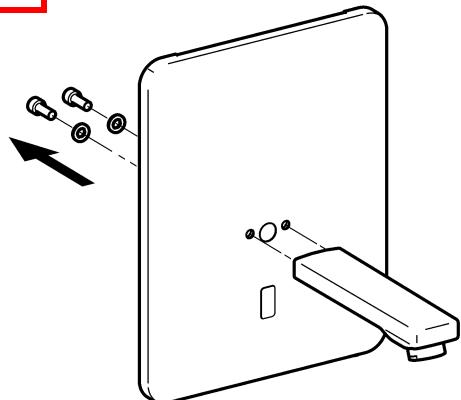
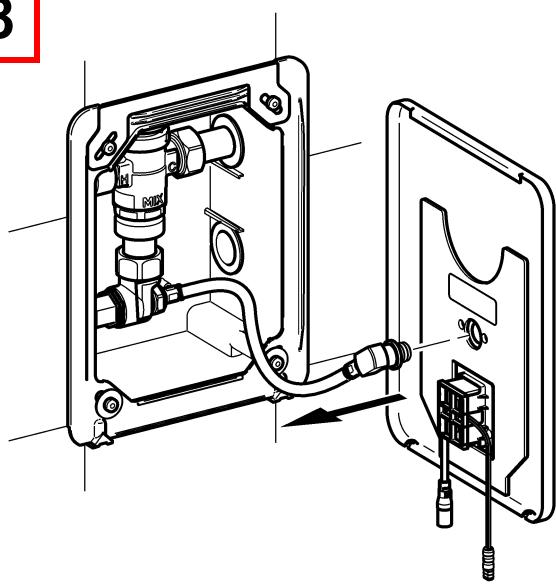


**3**



**4**



**5****6****7****8**

## 14. Abdeckplatte montieren

EN Install the cover plate

FR Montage de la plaque de protection

ES Montar la placa cobertora

NL Afdekplaat monteren

PL Montaż płytki maskującej

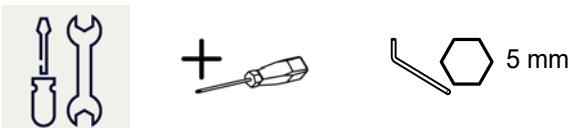
SV Montera täckplattan

IT Montaggio della piastrina di copertura

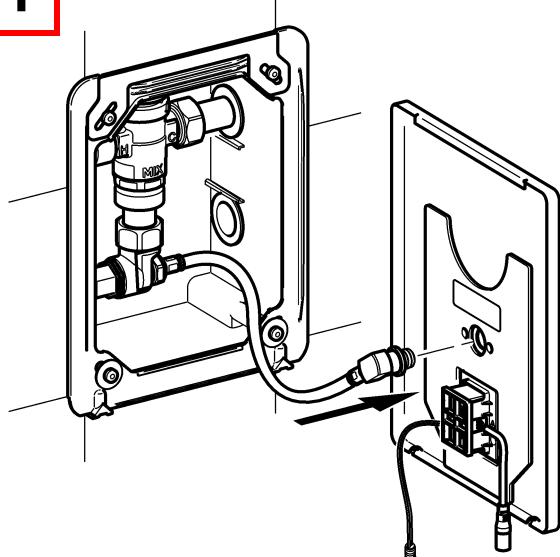
CS Montáž krycí desky

FI Peitelevyn asennus

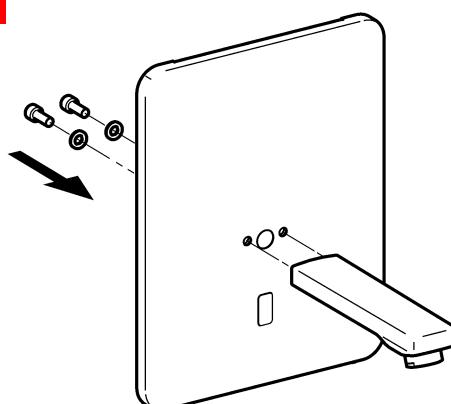
RU Установка крышки



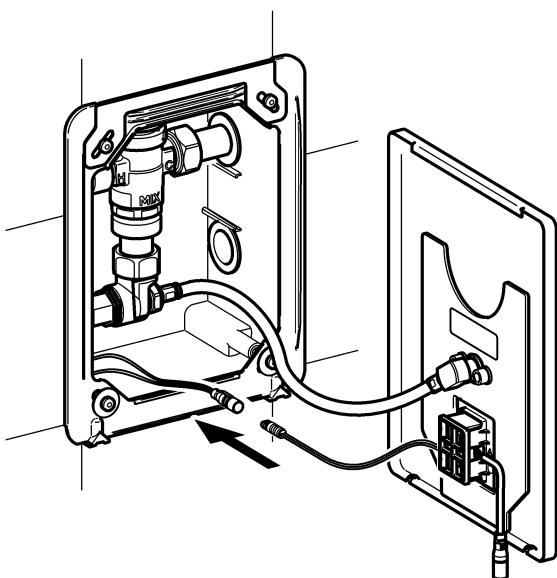
**1**

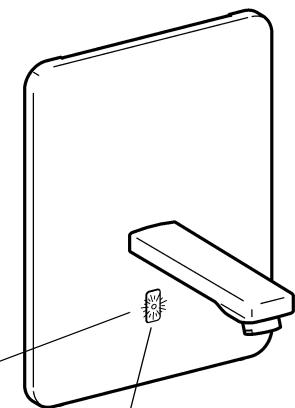
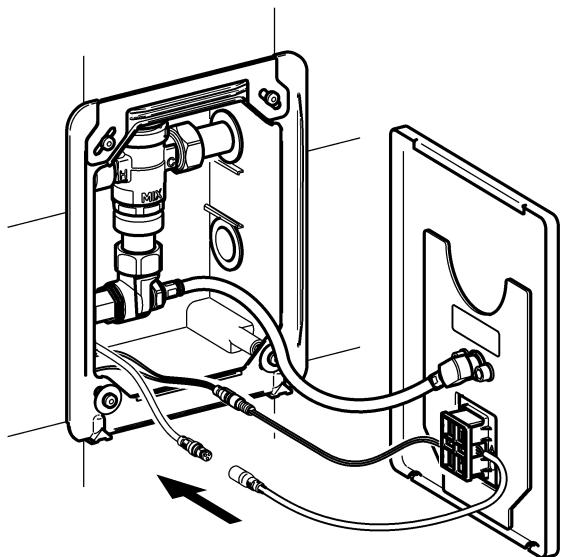
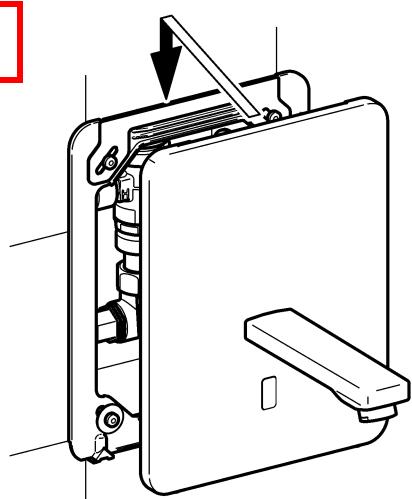
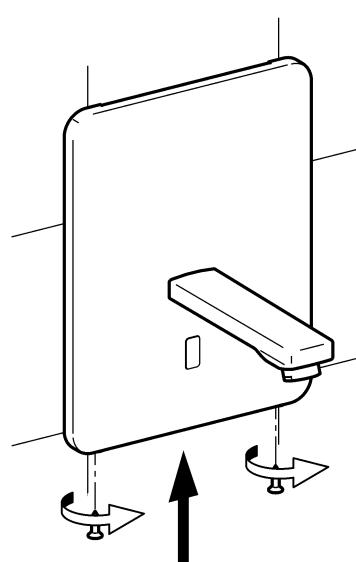
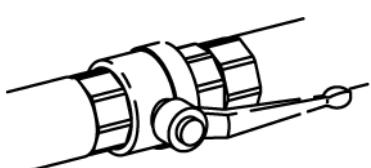


**2**



**3**



**4****3.****A** 2x **B** 1x **A****B****5****6****7**

## 15. Siebe wechseln

EN Replace the filters

FR Remplacement les filtres

ES Cambiar los tamices

IT Sostituire i filtri

NL Zeven vervangen

PL Wymiana sit

SV Byt filter

CS Vyměňte síto

FI Siivilän vaihto

RU Сменить сеточки



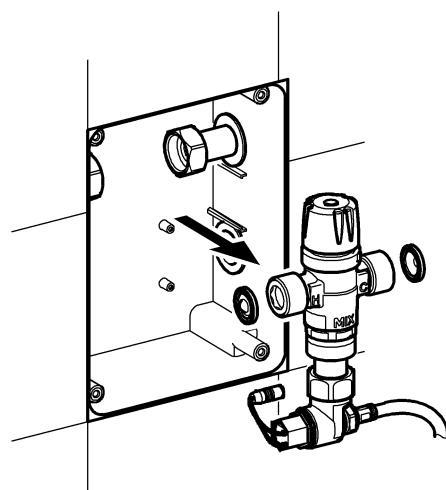
30 mm

1

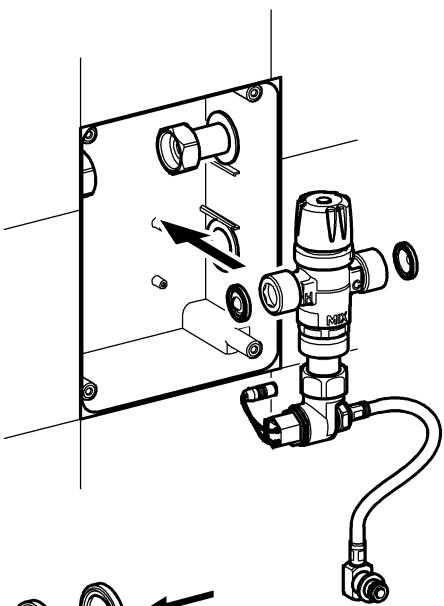


13.

2



3



4



14.



## 16. Magnetventilkartusche wechseln

EN Replacing the solenoid valve cartridge

NL Magneetventielpatroon verandering

CS Výměna kartuše s magnetickým ventilem

FR Remplacement de la cartouche d'électrovanne

PL Wymiana wkładu zaworu elektromagnetycznego

FI Magneettiventtiilipanoksen vaihtaminen

ES Cambiar cartucho de la válvula electromagnética

SV Byta magnetventilpatron electromagnética

RU Замена картриджа электромагнитного клапана

IT Sostituzione della cartuccia della valvola elettromagnetica



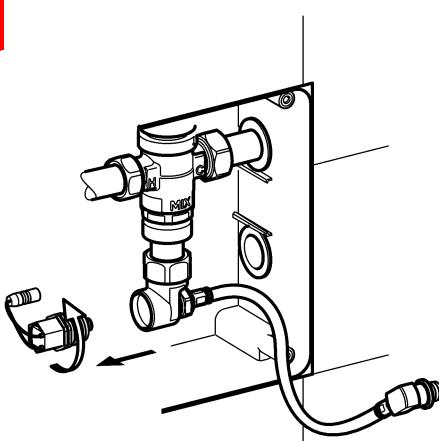
21 mm

1

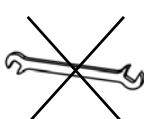


13.

2



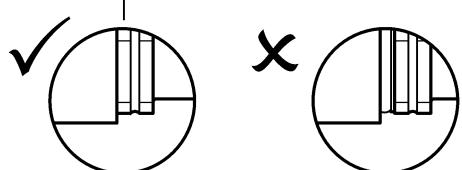
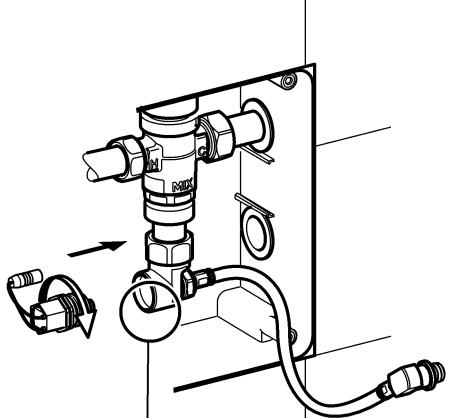
3



4



14.



## 17. Sensor wechseln

EN Replace sensor  
FR Changer le capteur  
ES Cambiar el sensor  
IT Cambiare il sensore

NL Sensor vervangen  
PL Wymienić czujnik  
SV Byt sensor

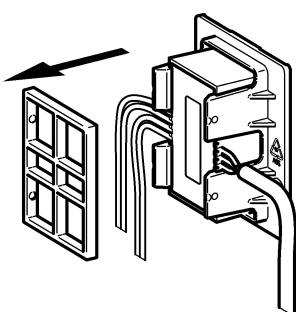
CS Vyměňte snímač  
FI Anturi vaihto  
RU Замена Датчик

**1**

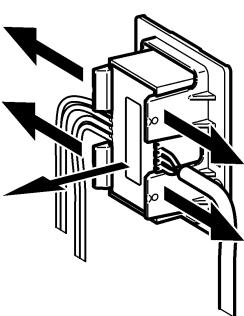


**13.**

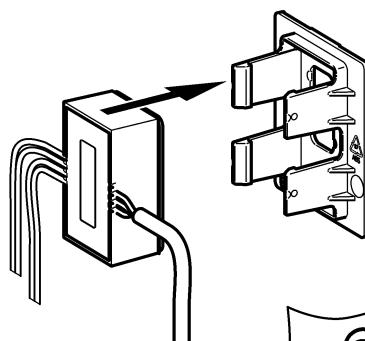
**2**



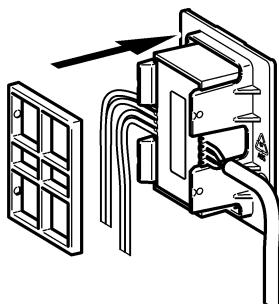
**3**



**4**



**5**



**6**



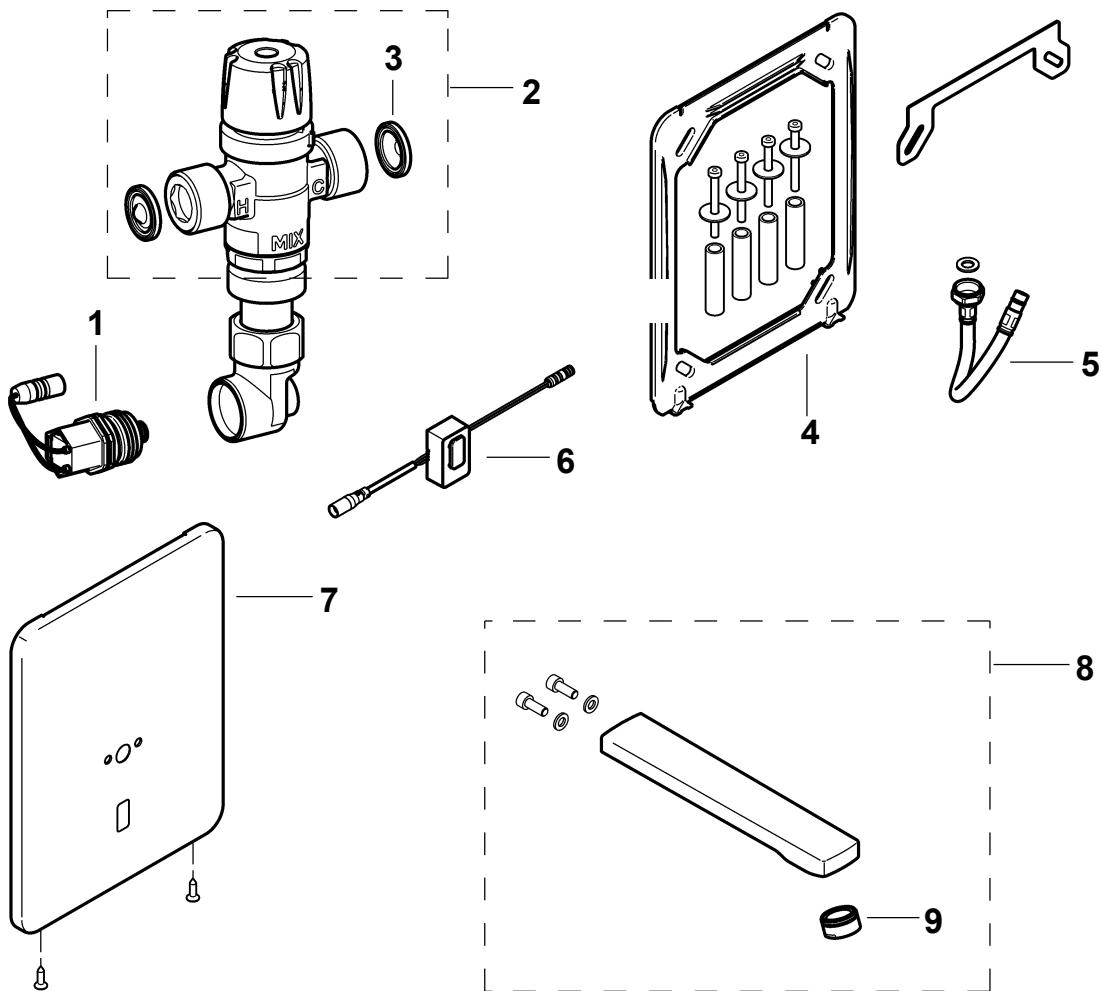
**14.**

## 18. Ersatzteile

EN Replacement parts  
 FR Pièces de rechange  
 ES Piezas de recambio  
 IT Pezzi di ricambio

NL Reserveonderdelen  
 PL Części zamienne  
 SV Reservdelar

CS Náhradní díly  
 FI Varaosat  
 RU Запчасти



1 ..... 2030045522  
 ACXX9002

6 ..... **F3ET1010:**  
 2030041452

8 ..... **130 mm:**  
 2030048530

2 ..... 2030049064  
 ASET1005

ASEX1002

ASEX1014

3 ..... 2000104706 a)  
 ASXX9011

**F3ET1011:**  
 2030041454

**190 mm:**  
 2030048532

4 ..... 2030045472  
 ASXX9001

ASEX1003  
**F3ET1012:**  
 2030041455

**ASEX1015**  
**250 mm:**  
 2030048536

5 ..... 2030048523  
 ASET1003

7 ..... 2030049060  
 ASEX1017

9 ..... 2030012352 a)  
 ETAPS0037

EN a) 10 pieces

ES a) 10 piezas

PL a) 10 sztuk

FI a) 10 kappaletta

DE a) 10 Stück

IT a) 10 pezzi

SV a) 10 styck

RU a) 10 штук

FR a) 10 pièces

NL a) 10 stuk

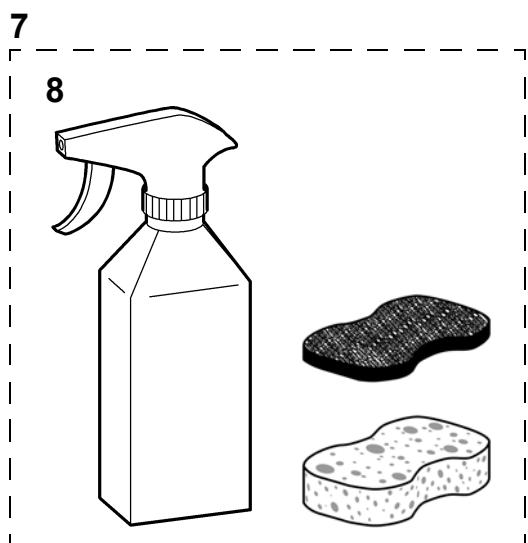
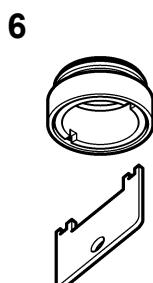
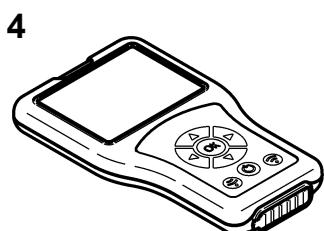
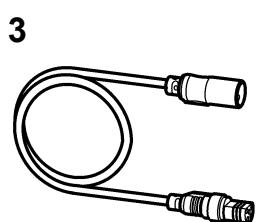
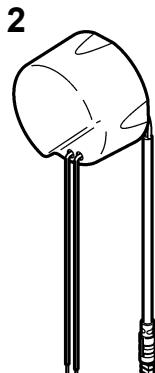
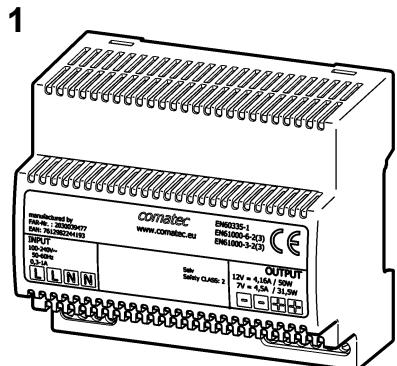
CS a) 10 kusů

## 19. Zubehör

EN Accessories  
FR Accessoire  
ES Accesorios  
IT Accessori

NL Toebehoren  
PL Akcesoria  
SV Tillbehör

CS Príslušenství  
FI Lisävarusteet  
RU принадлежности



- 1 .... 2030039477  
ACEX9001
- 2 .... 2030039825  
ACEX9003
- 3 .... 5m:  
2030043814  
ACEX9010
- 4 .... 2030036654  
ACEX9005
- 5 .... 2030036849  
ACEX9004
- 6 .... 2000104778  
ZTAPS0005
- 7 .... 2000109019  
ZWSPL0024
- 8 .... 0,5 l:  
2000105091  
ZWSPL0023

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