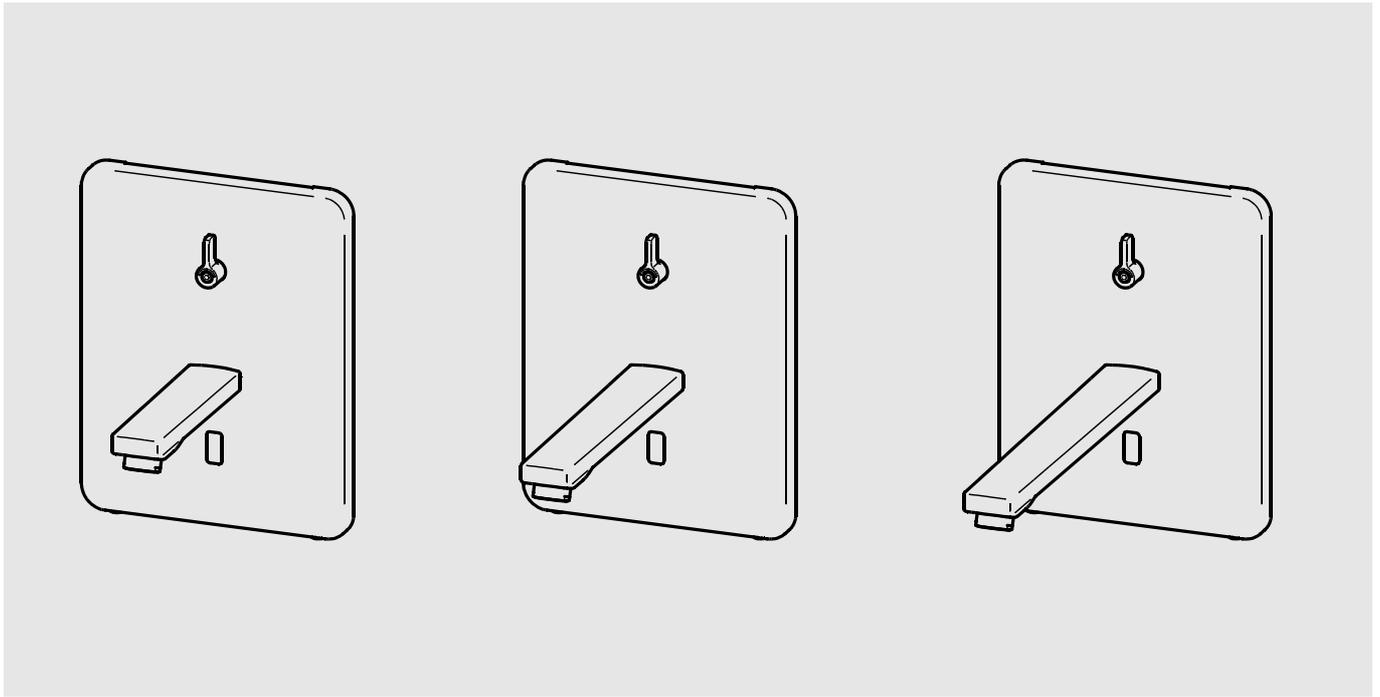


# F3



**F3EM1010**

2030040116

7612982245251

**F3EM1011**

2030040119

7612982245282

**F3EM1012**

2030040120

7612982245305

DE Montage- und Betriebsanleitung  
EN Installation and operating instructions  
FR Notice de montage et de mise en service  
ES Instrucciones de montaje y servicio  
IT Istruzioni per il montaggio e l'uso  
NL Montage- en bedrijfsinstructies  
PL Instrukcja montażu i obsługi  
SV Monterings- och driftinstruktion  
CS Návod pro montáž a provoz  
FI Asennus- ja käyttöohje  
RU Инструкция по монтажу и вводу в эксплуатацию

Elektronik-Waschplatzbatterie

Electronic wash basin mixer

Mitigeur électronique

Batería electrónica para zonas

Miscelatore optoelettronico

Elektronische wastafelmengkraan

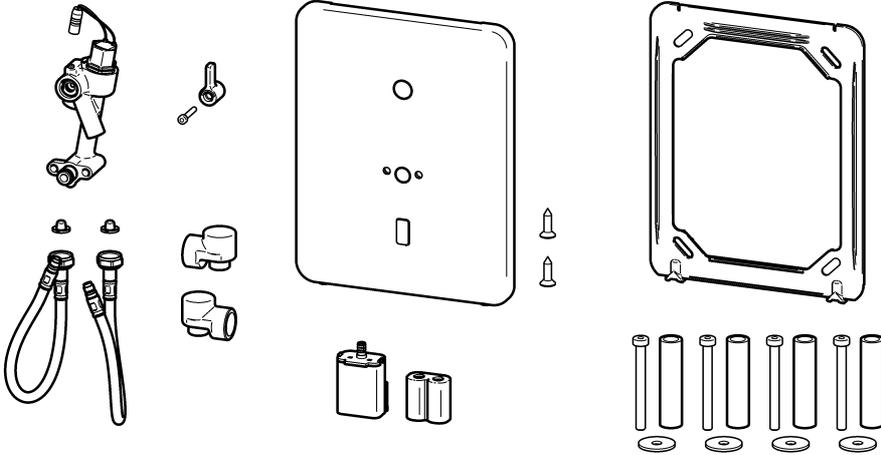
Elektroninen pesuallashana

*Make  
it  
Wonderful*

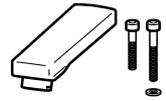
**FRANKE**



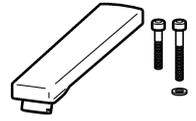
F3EM1010, F3EM1011, F3EM1012



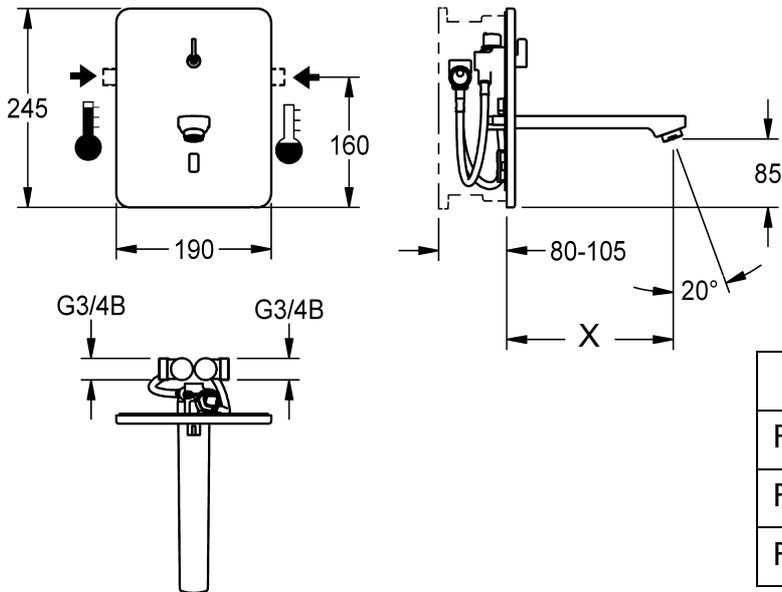
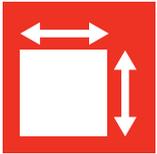
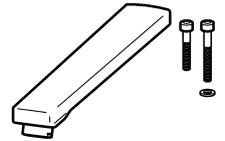
F3EM1010



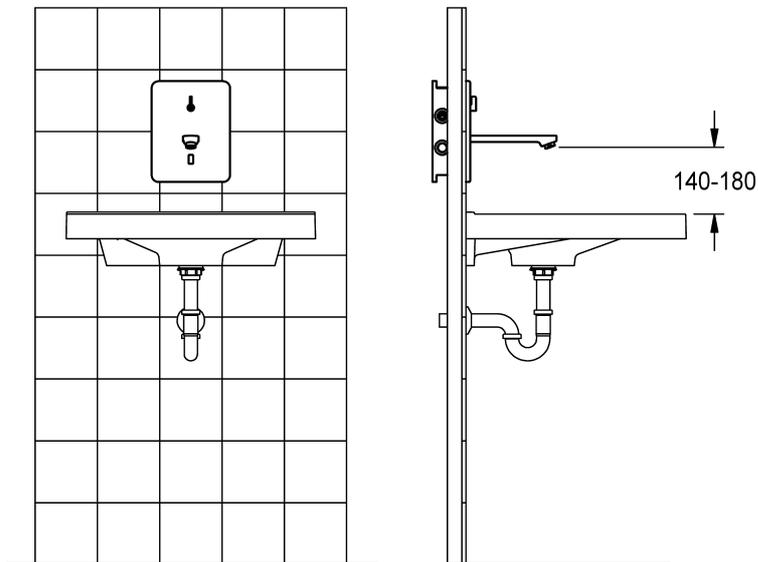
F3EM1011



F3EM1012



	X
F5EM1010	140
F5EM1011	200
F5EM1012	260



**EN**

## Installation and operating instructions

### Important notes

- ▶ 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
- ▶ Voltage supply with lithium battery CRP2 6 V DC
- ▶ Power consumption 1,5 W
- ▶ Type of protection IP 59k

**PL**

## Instrukcja montażu i obsługi

### Ważne wskazówki

- ▶ 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.

### 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
- ▶ Zasilanie elektryczne baterią litową CRP2 6 V DC
- ▶ Pobór mocy 1,5 W
- ▶ Rodzaj ochrony IP 59k

**DE**

## Montage- und Betriebsanleitung

### Wichtige Hinweise

- ▶ 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
- ▶ Spannungsversorgung Lithium Batterie CRP2 6 V DC
- ▶ Leistungsaufnahme 1,5 W
- ▶ Schutzart IP 59k (im zusammengebauten Zustand)

**SV**

## Monterings- och driftinstruktion

### Viktiga informationer

- ▶ 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.

### Tekniska data

- ▶ Minsta hydrauliska tryck 1,0 bar
- ▶ Maximalt driftryck 10 bar
- ▶ Rekommenderat hydrauliskt tryck 1-5 bar
- ▶ Volymstrom vid 3 bar hydrauliskt tryck 6 l/min
- ▶ Spänningsförsörjning med litiumbatteri CRP2 6 V DC
- ▶ Effektbehov 1,5 W
- ▶ Skyddsklass IP 59k

**FR**

## Notice de montage et de mise en service

### Remarques importantes

- ▶ 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
- ▶ Alimentation en tension avec pile au lithium CRP2 6 V DC
- ▶ Puissance absorbée 1,5 W
- ▶ Type de protection IP 59k

**ES**

## Instrucciones de montaje y servicio

### Indicaciones importantes

- ▶ ¡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
- ▶ Alimentación de corriente con batería de litio CRP2 6 V DC
- ▶ Consumo de potencia 1,5 W
- ▶ Modo de protección IP 59k

**CS**

## Návod pro montáž a provoz

### Důležité pokyny

- ▶ 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
- ▶ Napájení lithiovou baterií CRP2 6 V DC
- ▶ Příkon 1,5 W
- ▶ Krytí IP 59k

**FI**

## Asennus- ja käyttöohje

### Tärkeitä ohjeita

- ▶ Huhuetele putkijohdot ennen asennusta!
- ▶ Kun asennus on tehty, säädä lämpötilarajoin.
- ▶ 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
- ▶ Jännitteensyöttö litiumparistolla CRP2 6 V DC
- ▶ Tehonkulutus 1,5 W
- ▶ Suojaustapa IP 59k

**IT**

## Istruzioni per il montaggio e l'uso

### Avvertenze importanti

- ▶ 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.

### 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
- ▶ Alimentazione di tensione con batteria al litio CRP 2 di 6 V DC
- ▶ Potenza assorbita 1,5 W
- ▶ Tipo di protezione IP 59k

**NL**

## Montage- en bedrijfsinstructies

### Belangrijke aanwijzingen

- ▶ 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
- ▶ Spanningsvoorziening d.m.v. lithiumbatterij CRP2 6 V DC
- ▶ Opgenomen vermogen 1,5 W
- ▶ Veiligheidsgraad IP 59k

**RU**

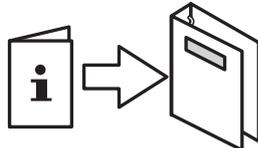
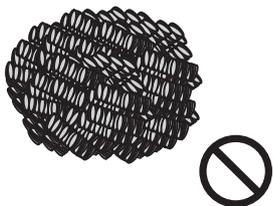
## Инструкция по монтажу и вводу в эксплуатацию

### Важные указания

- ▶ Перед инсталляцией промыть трубки!
- ▶ 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.

### 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
- ▶ Источник питания - литиевая батарея CRP 2 6 В постоянного тока
- ▶ Потребляемая мощность 1,5 Вт
- ▶ Вид защиты IP 59k



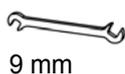
[www.franke.com](http://www.franke.com)

## 1. Montage

EN Installation  
FR Montage  
ES Montaje  
IT Montaggio

NL Montage  
PL Montaż  
SV Montering

CS Montáž  
FI Asennus  
RU Монтаж



9 mm



19 mm



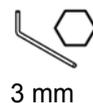
21 mm



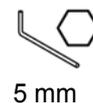
24 mm



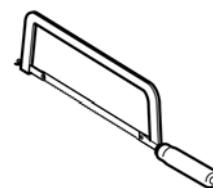
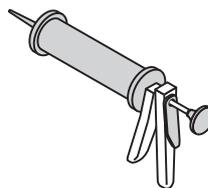
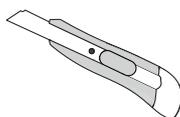
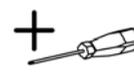
30 mm



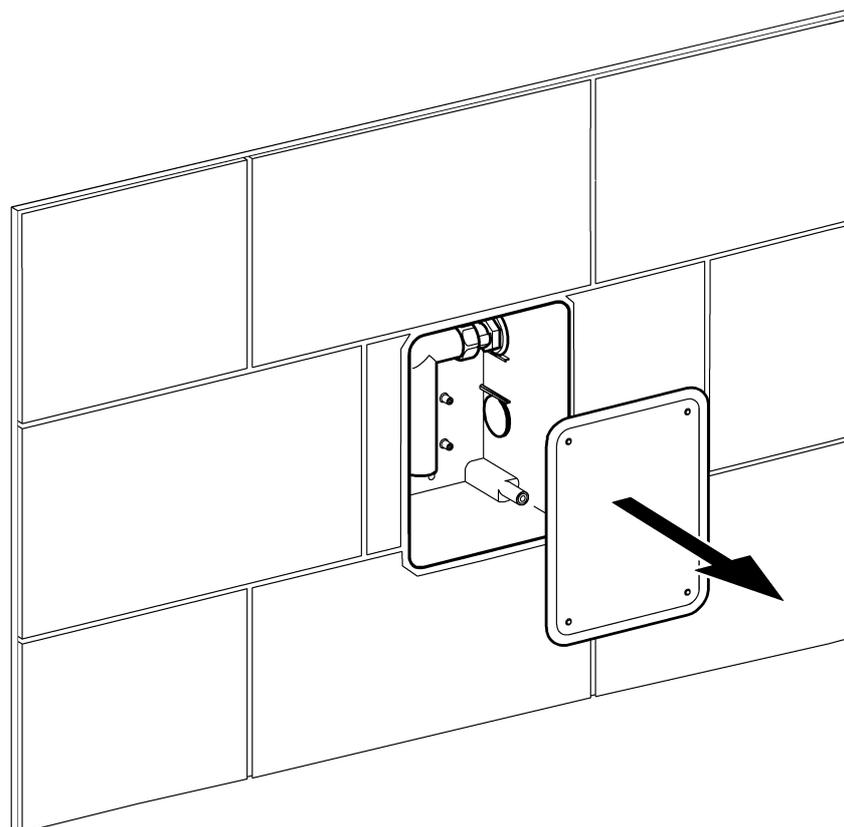
3 mm



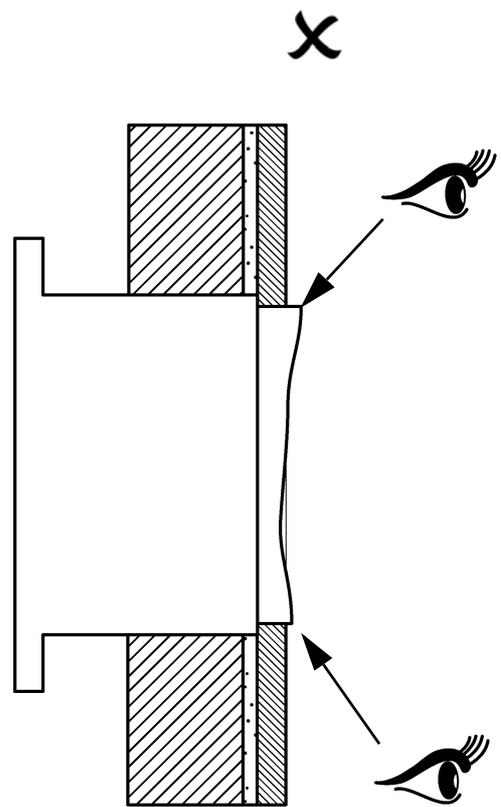
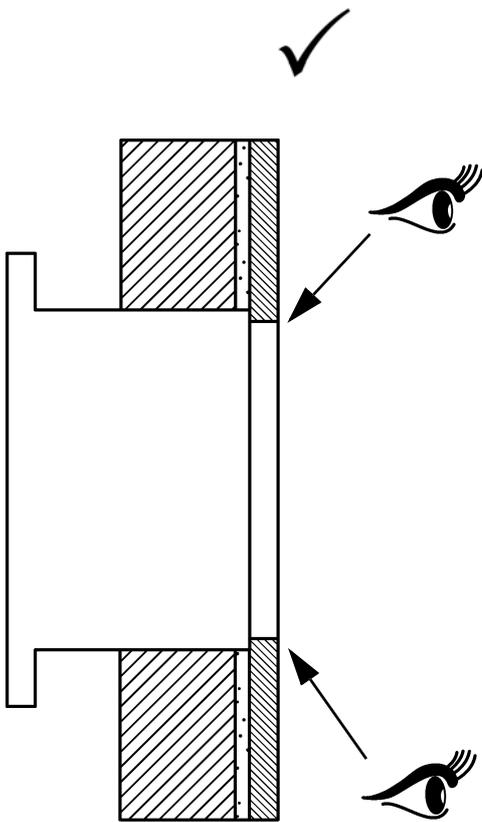
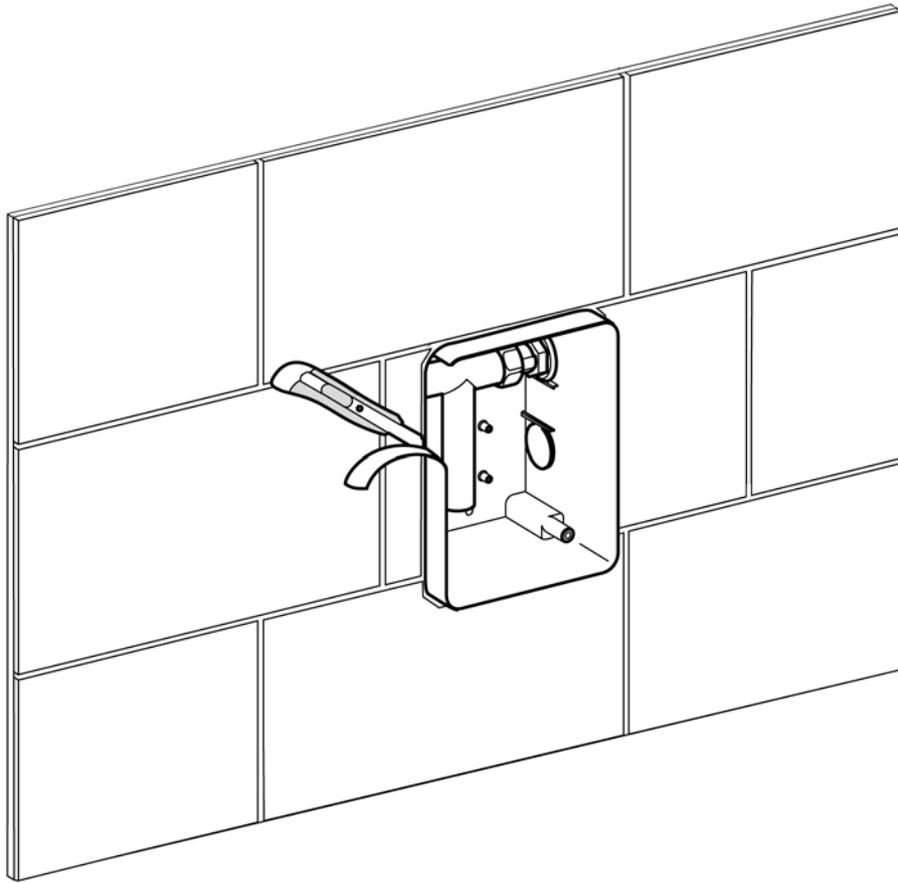
5 mm



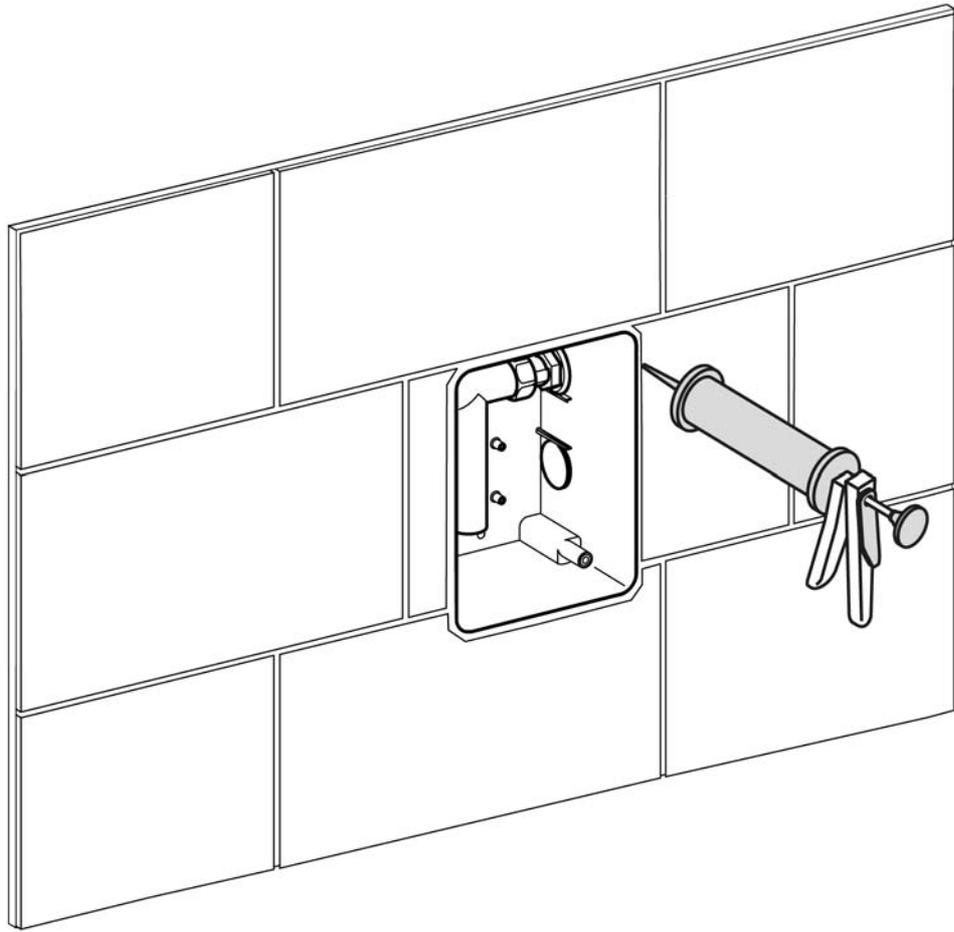
1



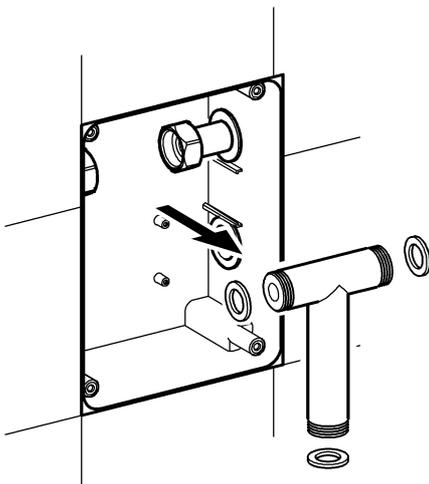
2



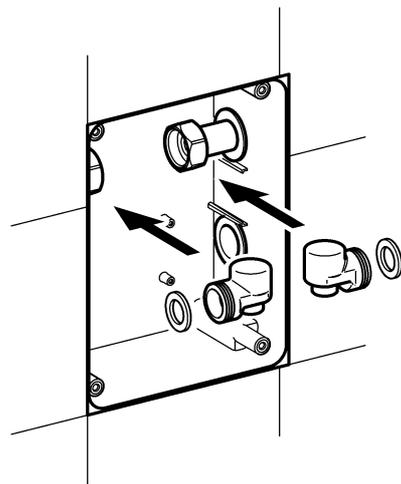
**3**



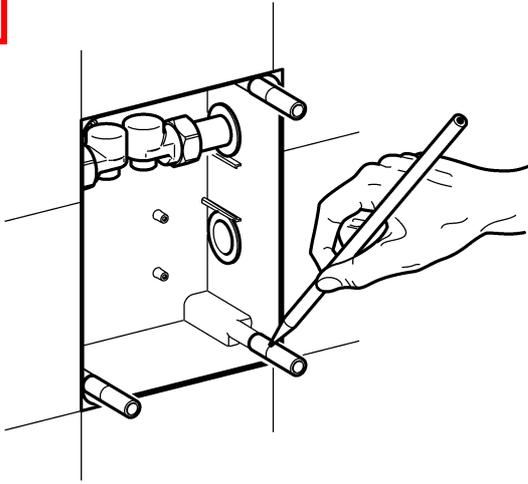
**4**



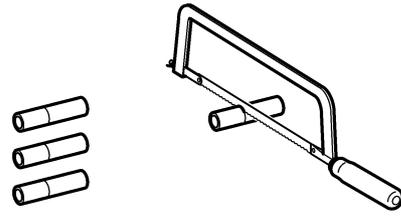
**5**



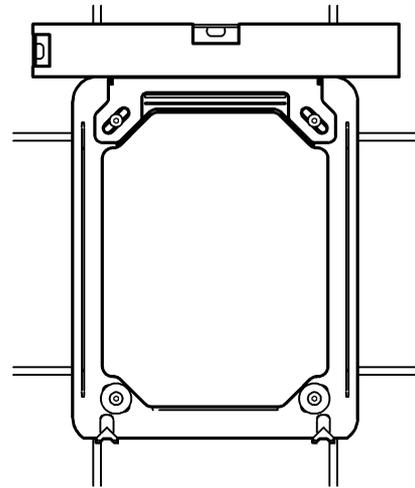
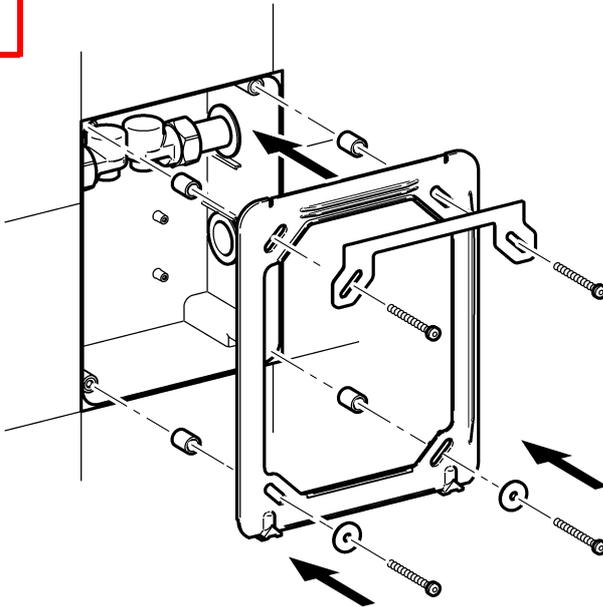
6



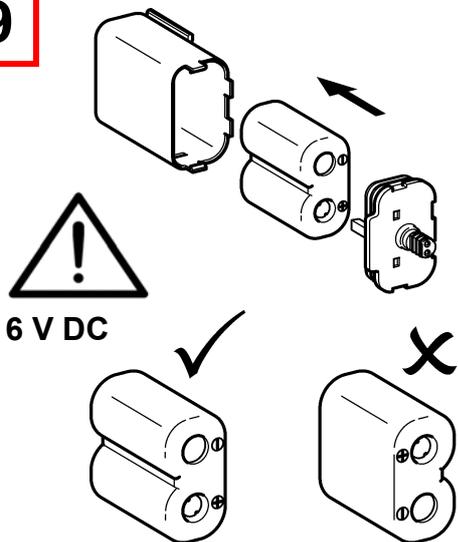
7



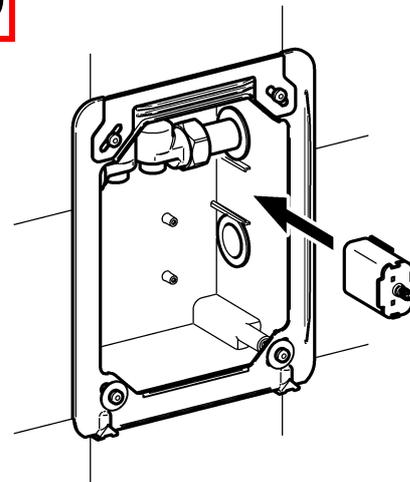
8



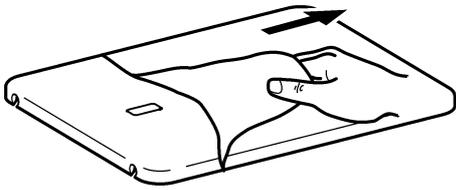
9



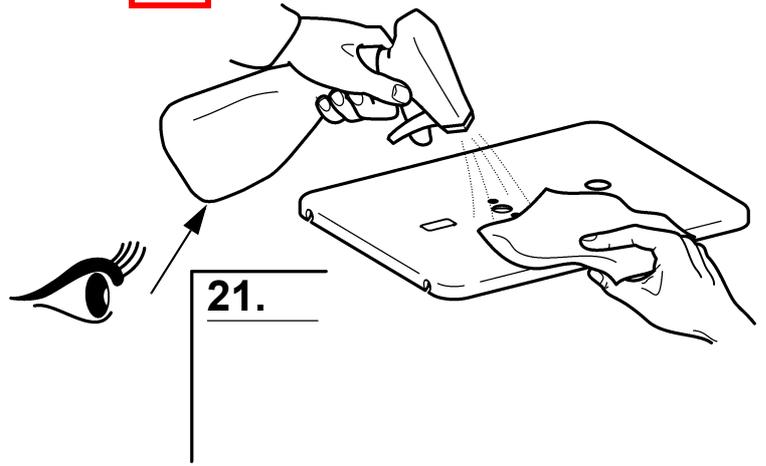
10



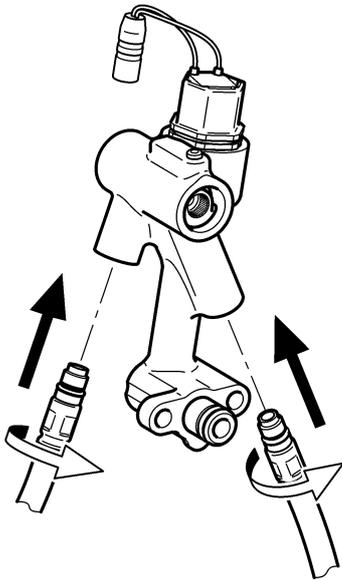
11



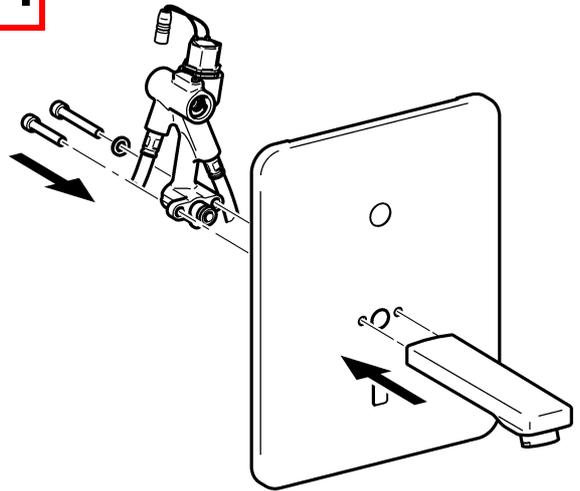
12



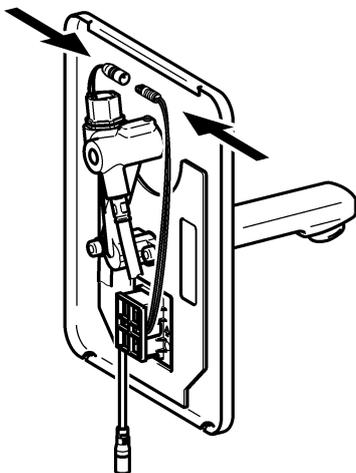
13



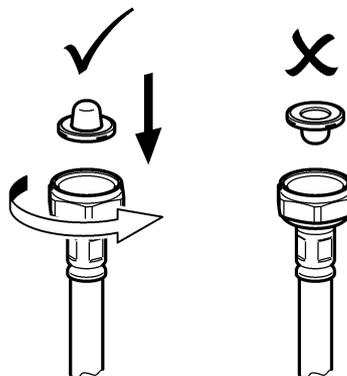
14



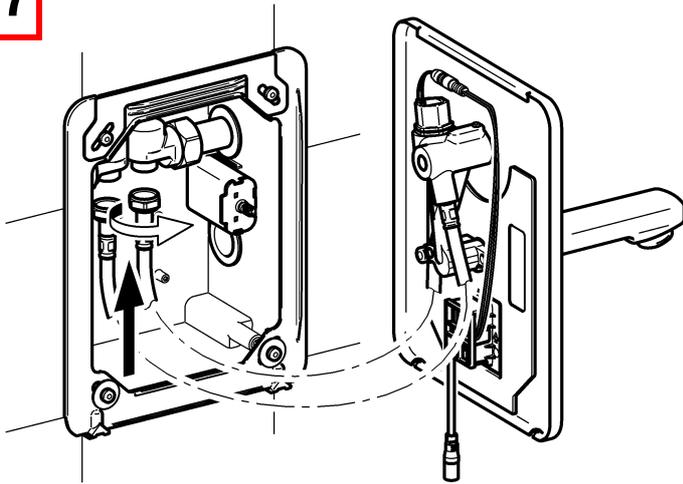
15



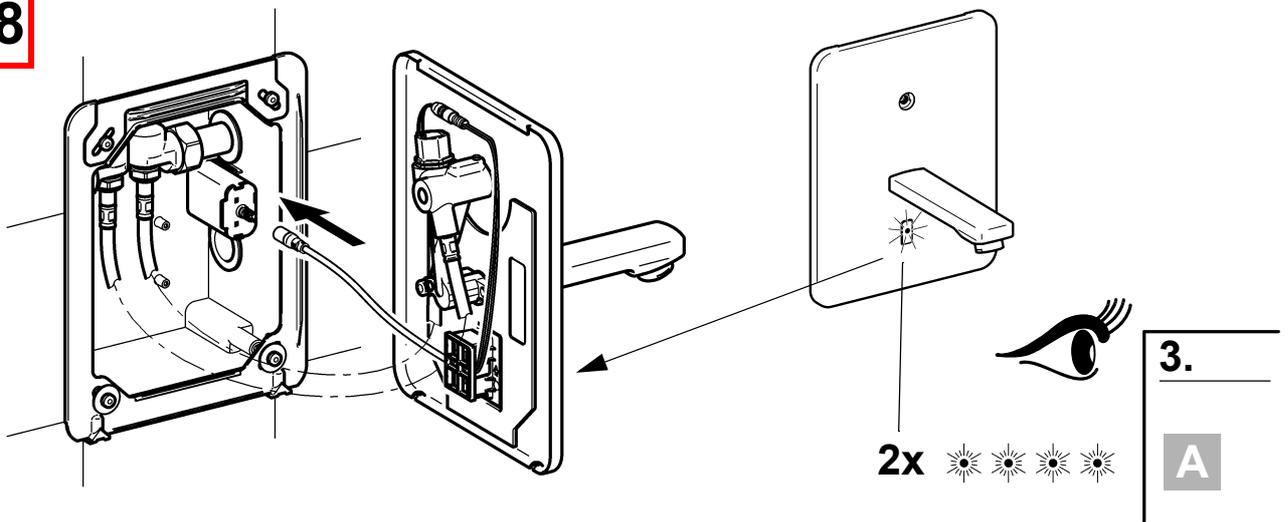
16



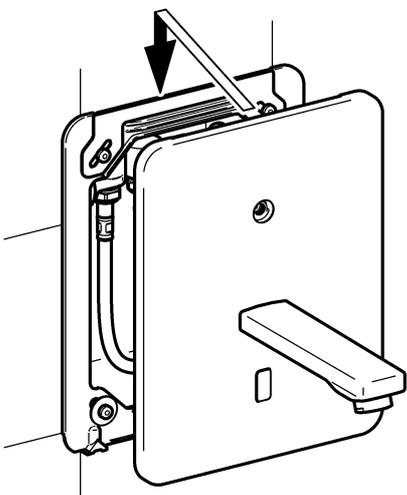
17



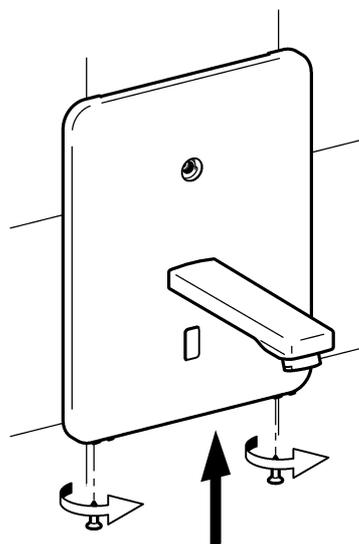
18



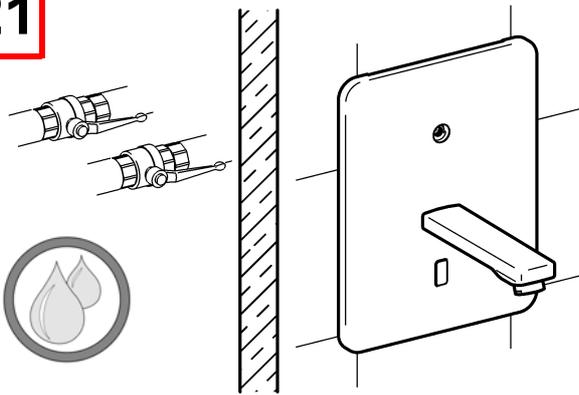
19



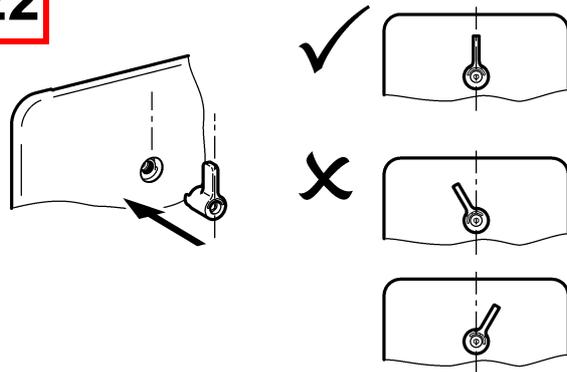
20



**21**



**22**



**23**



12.

## 2. Funktion

EN Function

FR Fonctionnement

ES Función

IT Funzionamento

NL Werking

PL Funkcja

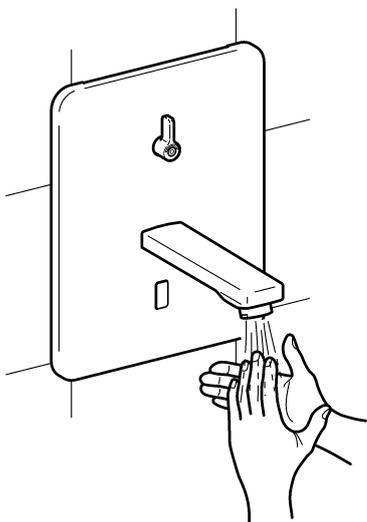
SV Funktion

CS Funkce

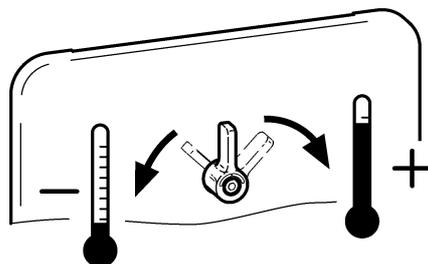
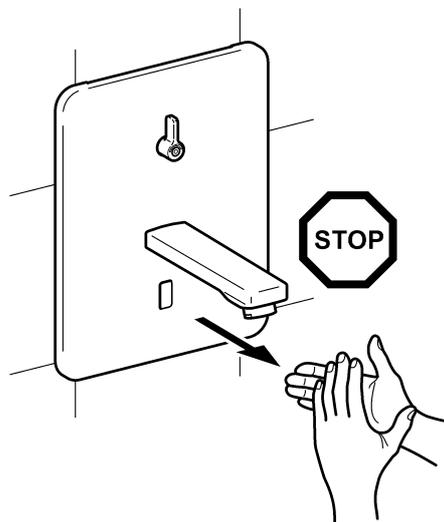
FI Toiminto

RU Функционирование

**1**



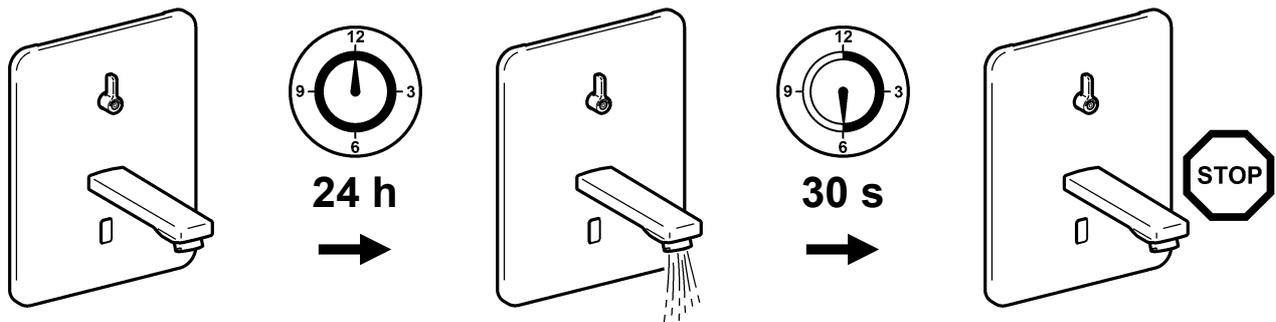
**2**

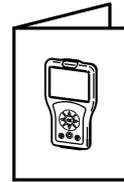
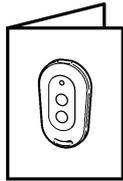
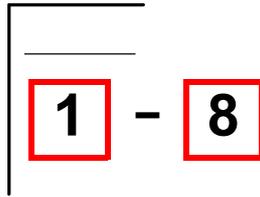
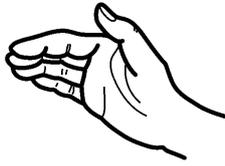
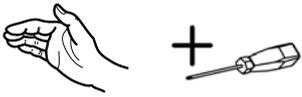


### 3. Hygienspülung ein- / ausschalten

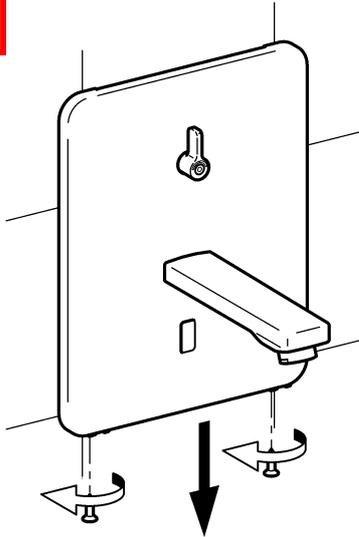
EN Switching hygiene flushing on/off	NL Hygiënische spoeling in-/uitschakelen	CS Zapněte/vypněte hygienické propláchnutí
FR Activer/désactiver le rinçage hygiénique	PL Włączyć/wyłączyć spłukiwanie higieniczne	FI Hygieniahuuhdelun päälle-/ pois päältä kytkeminen
ES Activar/Desactivar el aclarado higiénico	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.
  - ▶ Käyttämättömänä 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.

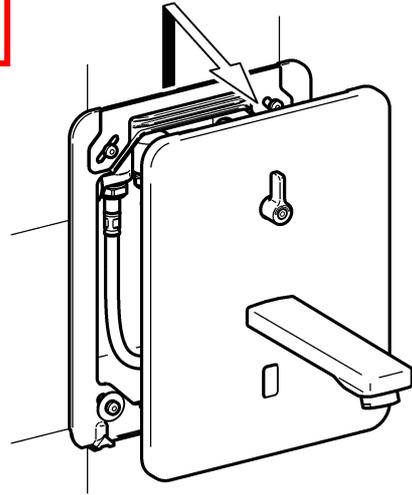




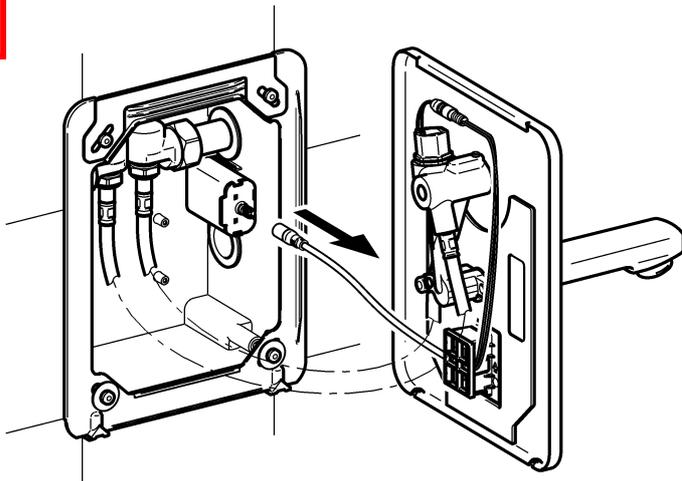
1

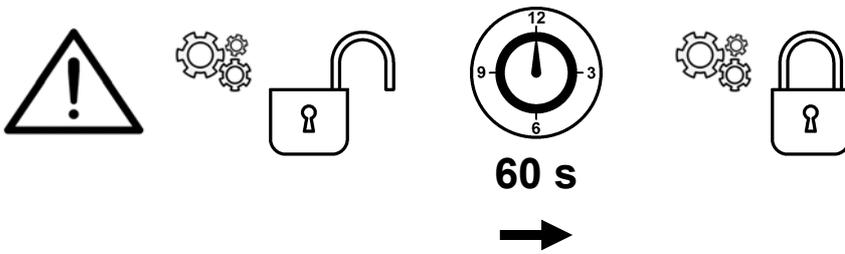


2

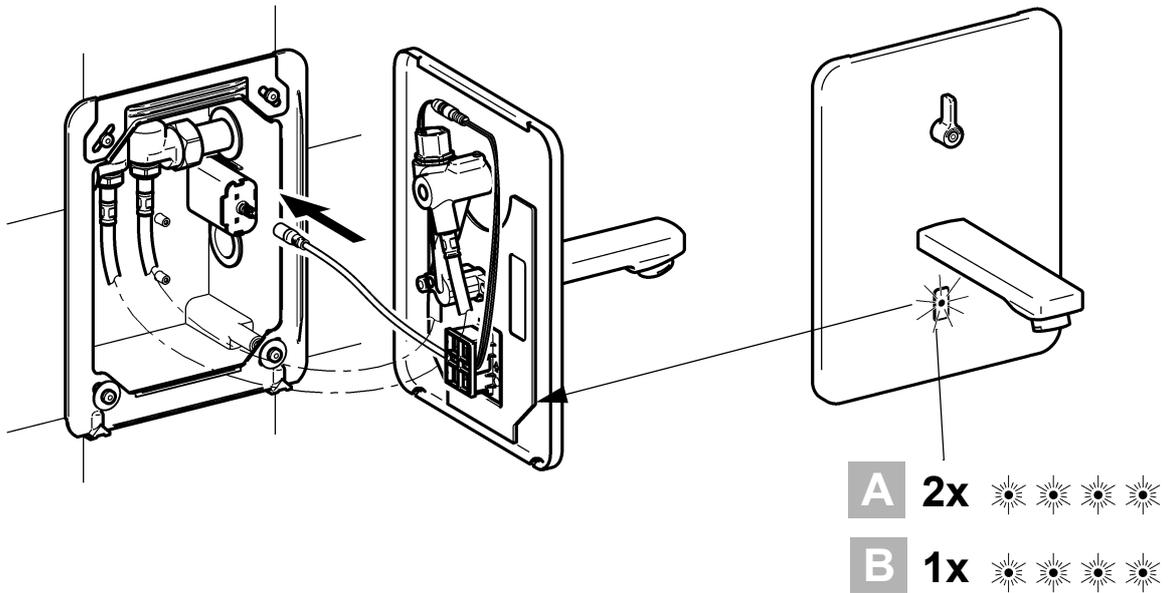


3

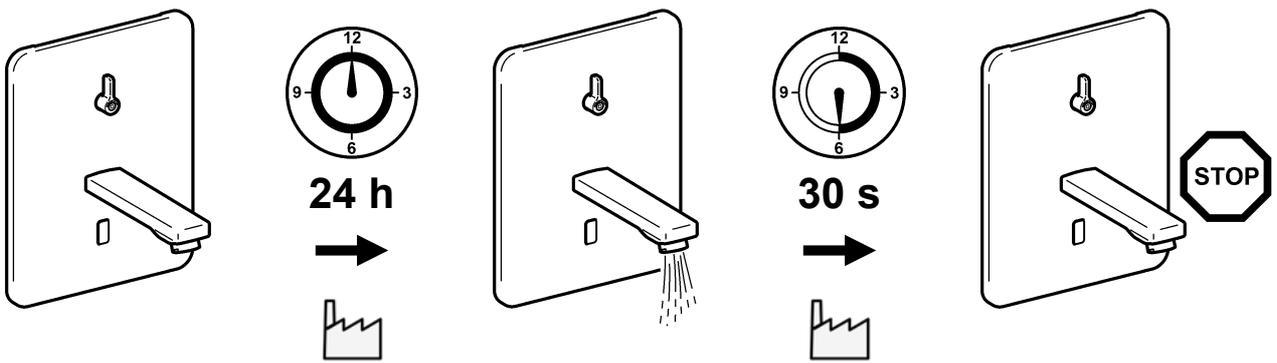




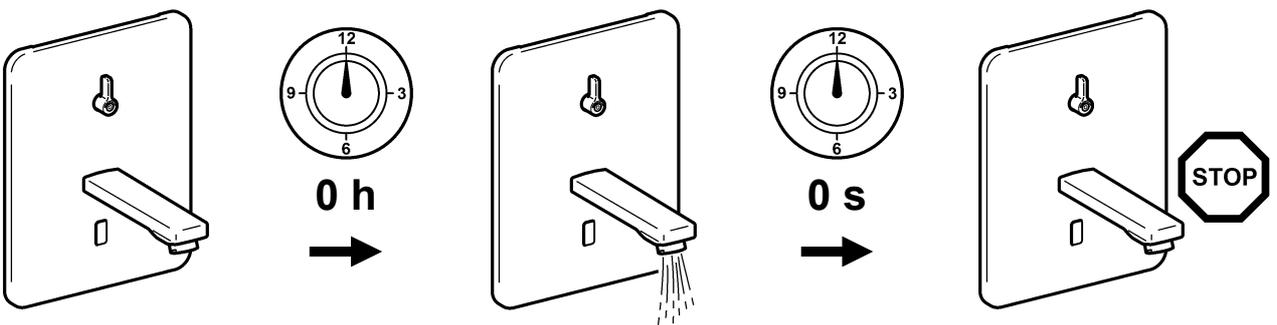
**4**



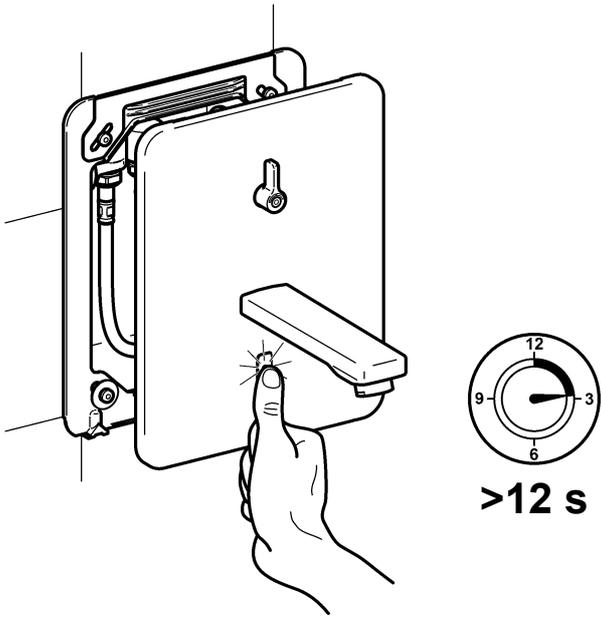
**A**



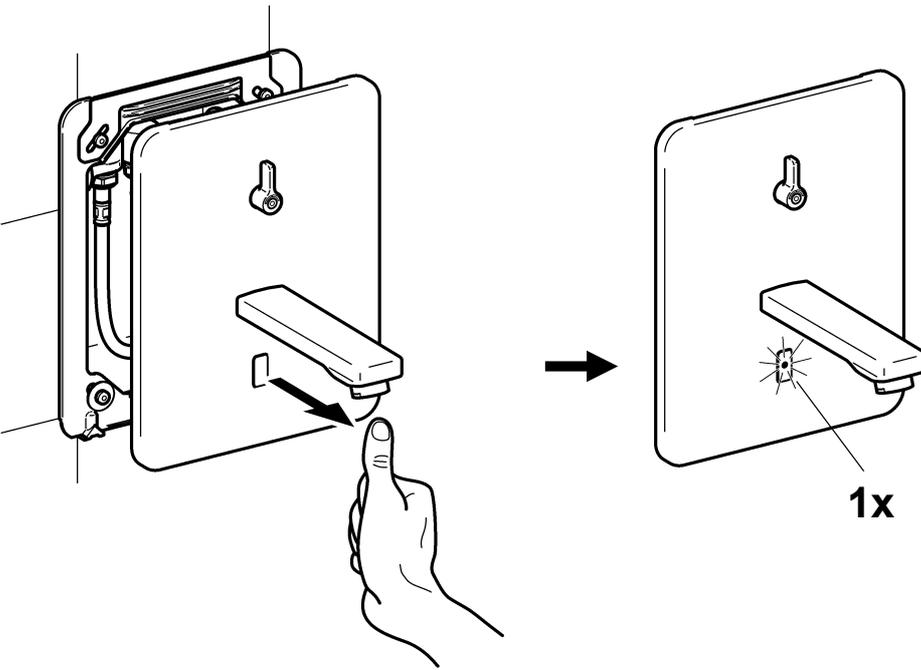
**B**



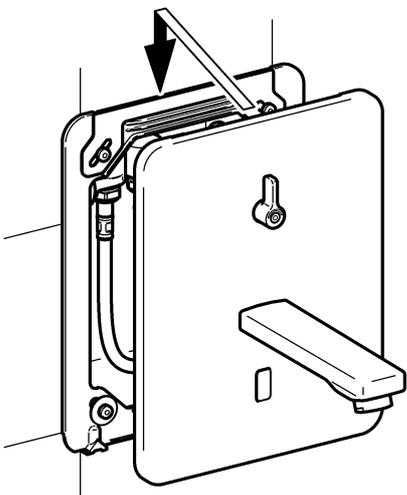
**5**



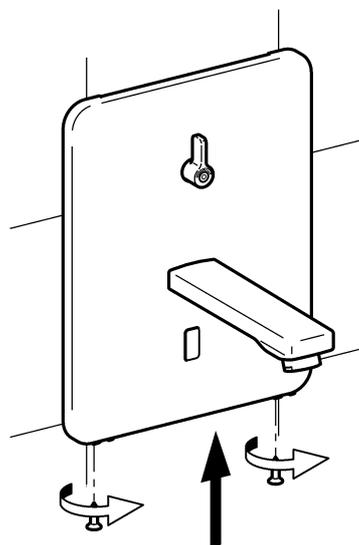
**6**



**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

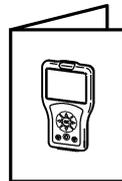
PL Wyłączenie baterii

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

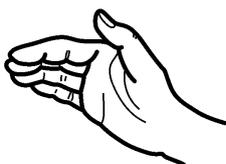
PL Uruchomić stały wypływ wody

SV Starta kontinuerlig drift

CS Spustit trvalý provoz

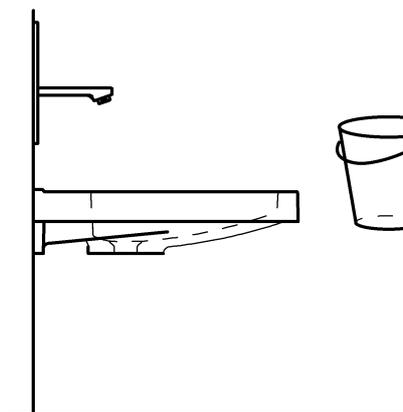
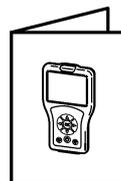
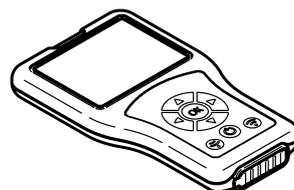
FI Tuotantokäytön aloittaminen

RU запустить ресурс

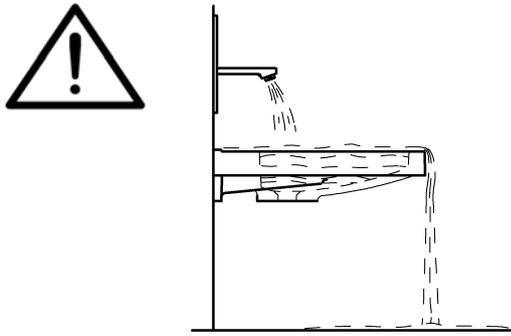


5.

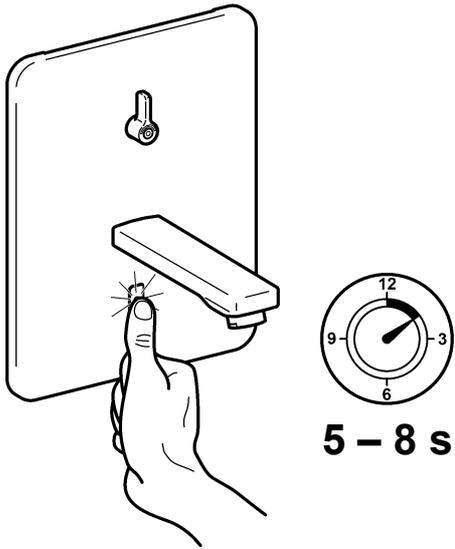
**1** - **2**



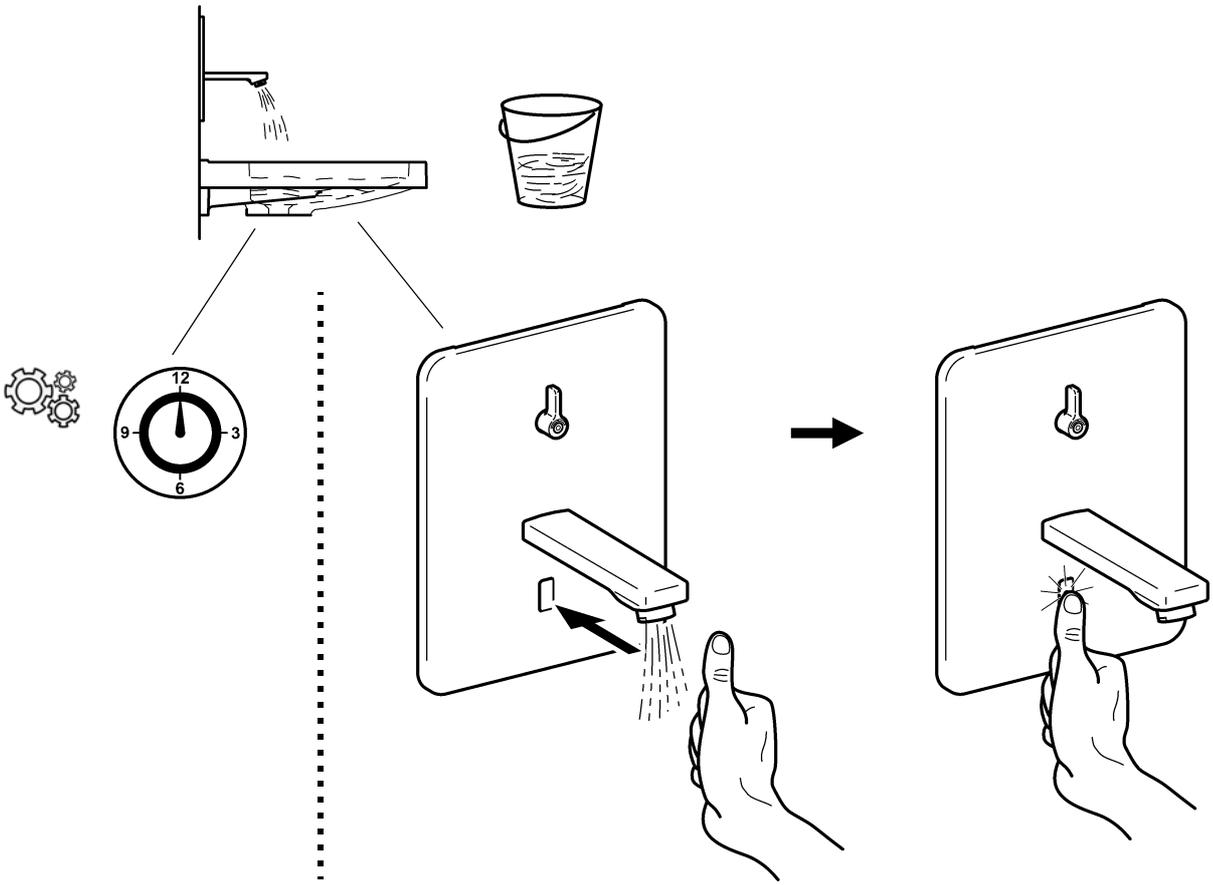
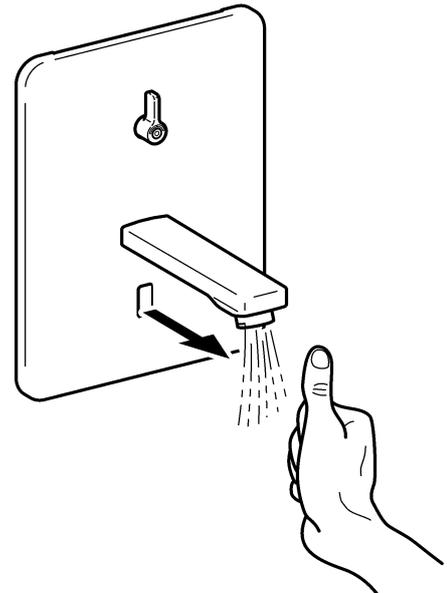
10.



**1**

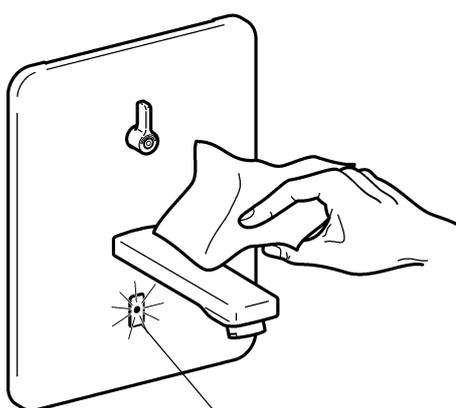
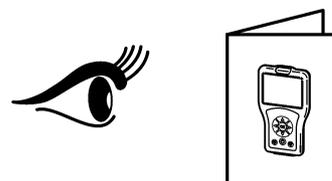
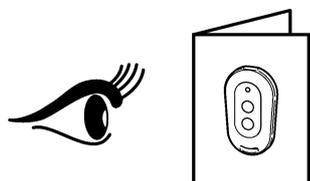


**2**



## 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 rengörings avstängning	RU активировать чистка завершение работы
IT Attivare dello spegnimento per pulizia		



60 s

☀ 10s ☀ 10s ☀ ...

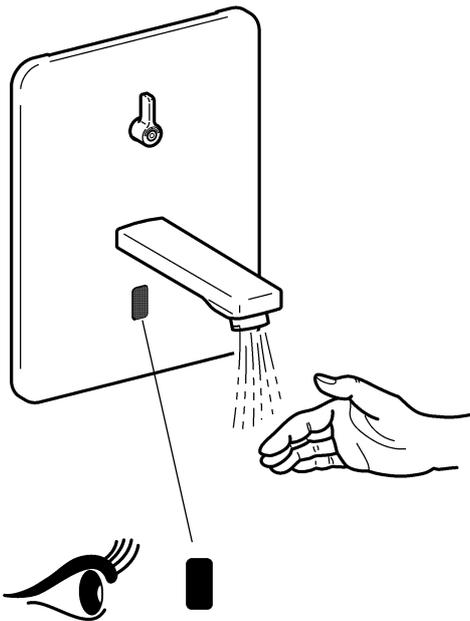
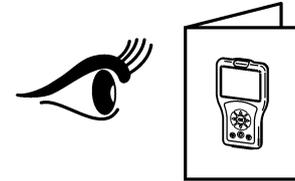
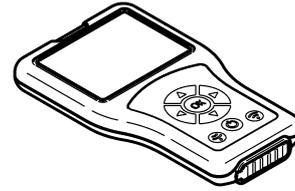
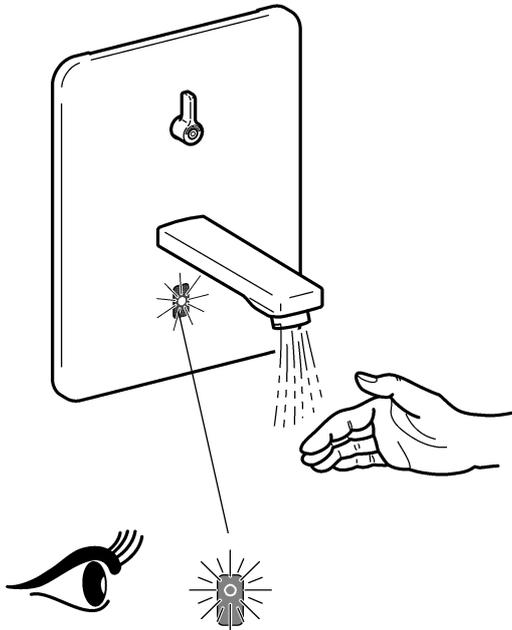
## 7. Erkennungs-Rückmeldung einschalten

EN Switch on detection feedback  
FR Activation de la réponse  
d'identification  
ES Activar la confirmación de  
detección  
IT Attivare feedback rilevamento

NL Detectie-feedback inschakelen  
PL Włączyć komunikat zwrotny  
rozpoznania

SV Slå på respons vid detektering

CS Zapnutí identifikačního zpětného  
hlášení  
FI Kytke tunnistuksen palaute päälle  
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

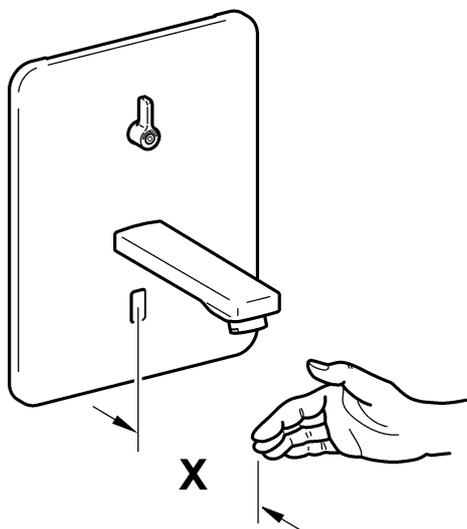
PL Ustawienie zasięgu

SV Ställa in räckvidden

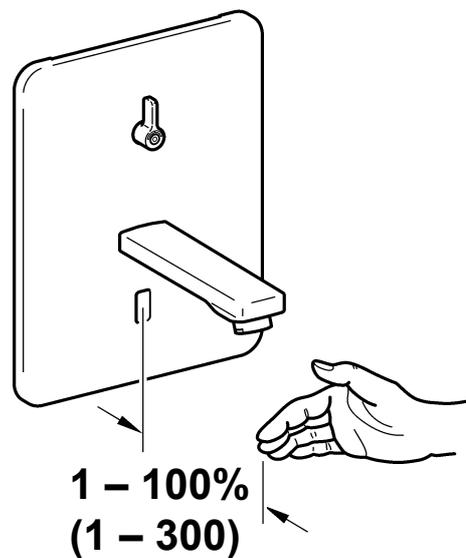
CS Nastavení dosahu

FI Tunnistusetäisyyden säätäminen

RU Настройка дальности действия



	X
F5EM1010	45% (~125)
F5EM1011	65% (~185)
F5EM1012	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 säätäminen
ES Ajuste del higiene enjuague	SV Ställa in hygienspolning	RU установив гигиена смыва
IT Impostare lo igiene risciacquo		

### EN

- ▶ A: Interval adjustable in h
- ▶ B: Flow duration adjustable in s

### DE

- ▶ A: Intervall einstellbar in h
- ▶ B: Fließzeit einstellbar in s

### FR

- ▶ A: intervalle réglable en h
- ▶ B: durée d'écoulement réglable en s

### ES

- ▶ A: Intervalo ajustable en horas
- ▶ B: Tiempo de flujo activable en seg

### IT

- ▶ A: intervallo impostabile in h
- ▶ B: durata di flusso impostabile in s

### NL

- ▶ A: Interval instelbaar in u
- ▶ B: Stromingstijd instelbaar in s

### PL

- ▶ A: odstęp czasu regulowany w godzinach
- ▶ B: czas przepływu regulowany w sekundach

### SV

- ▶ A: Intervall kan ställas in i timmar
- ▶ B: Flödestid kan ställas in i sekunder

### CS

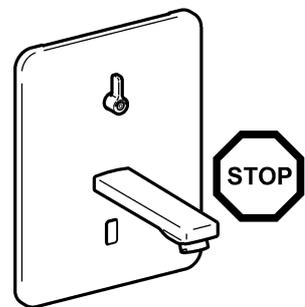
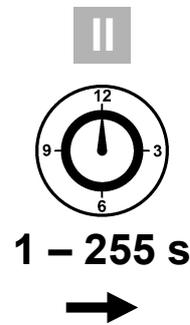
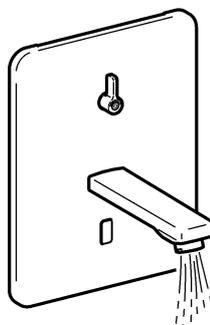
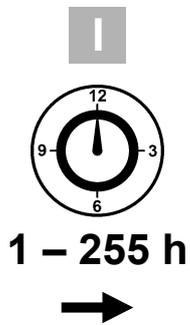
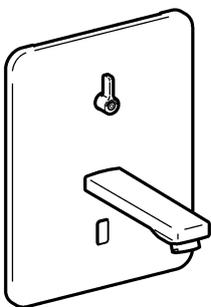
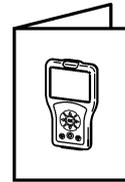
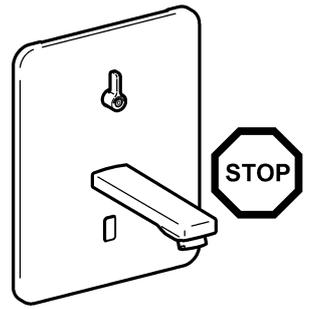
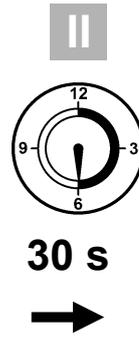
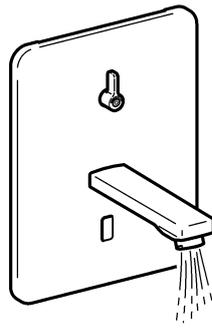
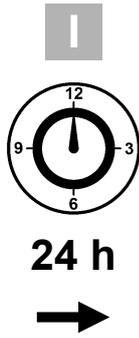
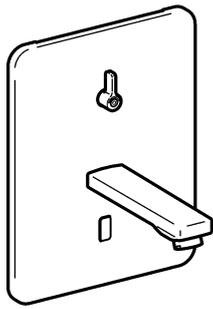
- ▶
- ▶ A: Interval s nastavením v h
- ▶ B: Doba průtoku s nastavením v s

### FI

- ▶ A: Aikaväli, asetettavissa h
- ▶ B: Virtausaika, asetettavissa s

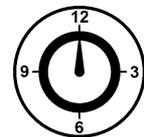
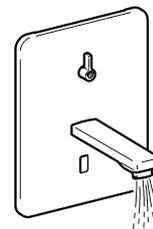
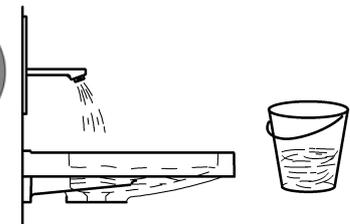
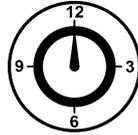
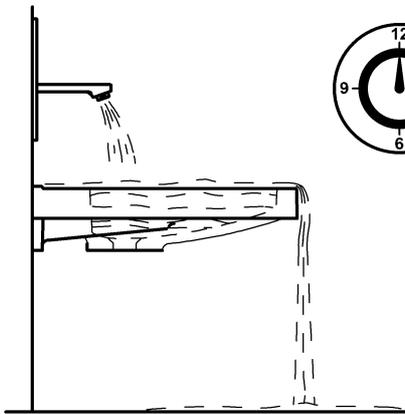
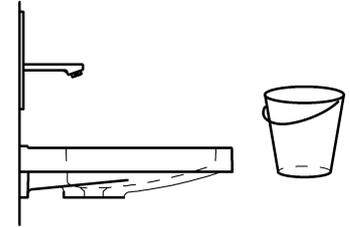
### RU

- ▶ A: интервал задается в ч
- ▶ B: время течения задается в сек

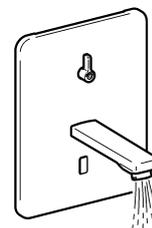


## 10. Dauerlauf einstellen

EN Setting continuous operating mode	NL Continue stroming instellen	CS Nastavení pomalejšího toku
FR Réglage du fonctionnement en continu	PL Ustawienie ciągłego wypływu	FI Tuotantokäytön säätäminen
ES Ajuste del funcionamiento ininterrumpido	SV Ställa in permanent flöde	RU Настройка непрерывного режима
IT Impostazione del flusso continuo		



**60 s**



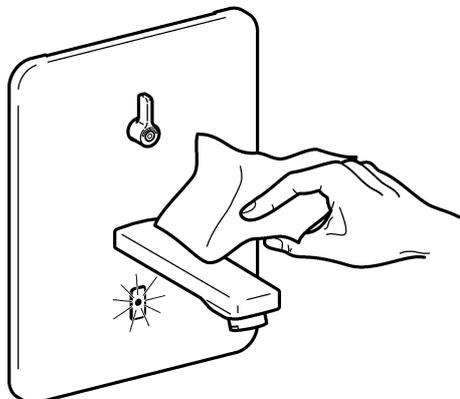
**1 – 255 s**

## 11. Reinigungsabschaltung einstellen

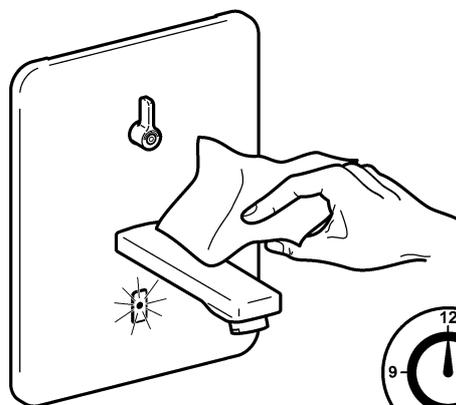
EN Set the range  
FR Régler le rayon d'action  
ES Regular el alcance  
IT Impostare la portata

NL Actieradius instellen  
PL Ustawienie zasięgu  
SV Ställa in räckvidden

CS Nastavení dosahu  
FI Aseta ulottuma  
RU установить диапазон значений



**60 s**



**1 – 255 s**

## 12. Temperaturanschlag einstellen

EN Setting the temperature stop

NL Temperatuurbegrenzing instellen

CS Nastavení teplotního limitu

FR Réglage de la butée de température

PL Ustawienie ograniczenia temperatury

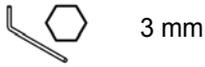
FI Lämpötilarajoituksen säätäminen

ES Ajuste del tope de temperatura

SV Ställa in temperaturstoppet

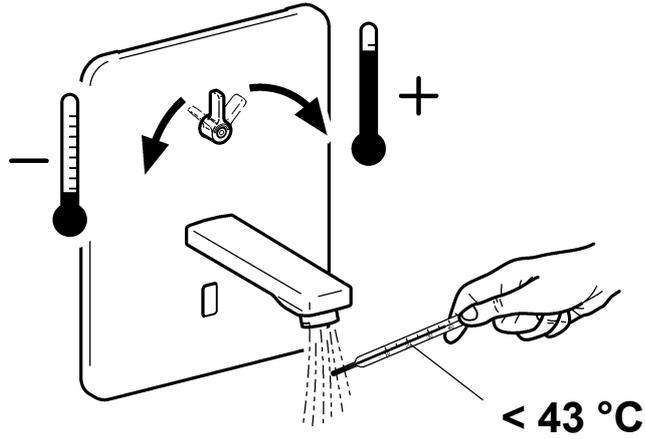
RU Настройка температурного упора

IT Impostazione del blocco temperatura

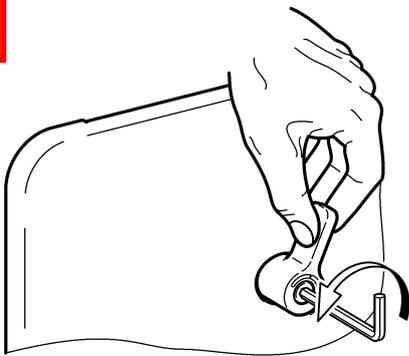


3 mm

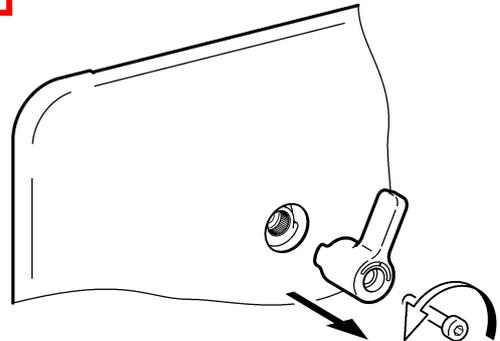
1



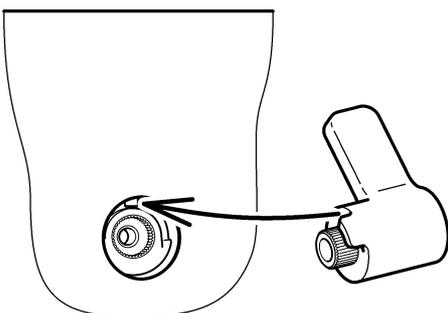
2



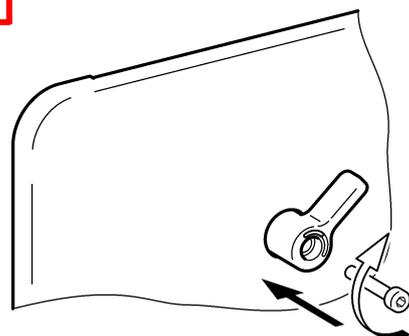
3



4



5



## 13. Wartung

EN Maintenance  
FR Maintenance  
ES Mantenimiento  
IT Manutenzione

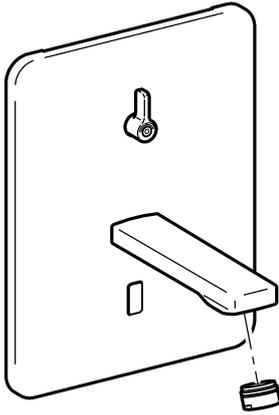
NL Onderhoud  
PL Konserwacja  
SV Underhåll

CS Varování  
FI Huolto  
RU Техническое обслуживание

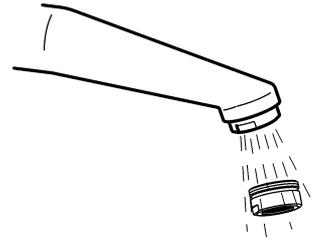


22 mm

**1**



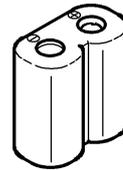
**2**



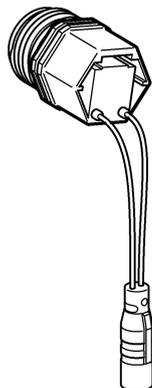
**16.**



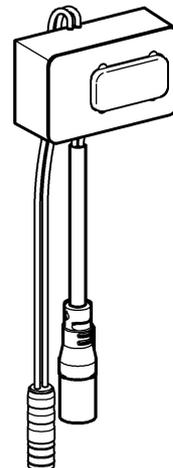
**18.**



**17.**



**19.**



## 14. Abdeckplatte abnehmen

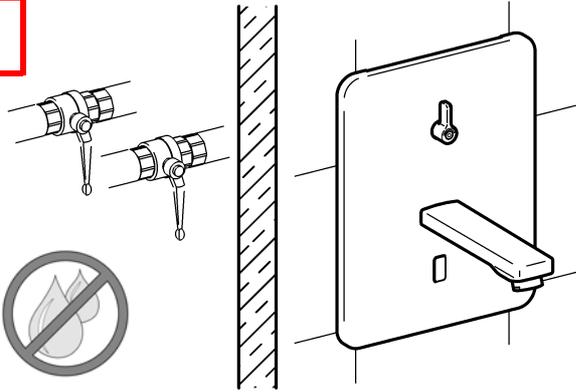
EN  
FR  
ES  
IT

NL  
PL  
SV

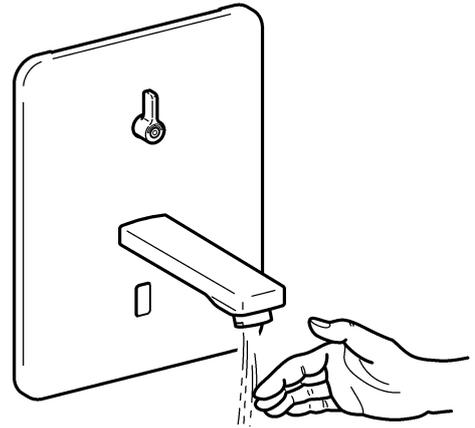
CS  
FI  
RU



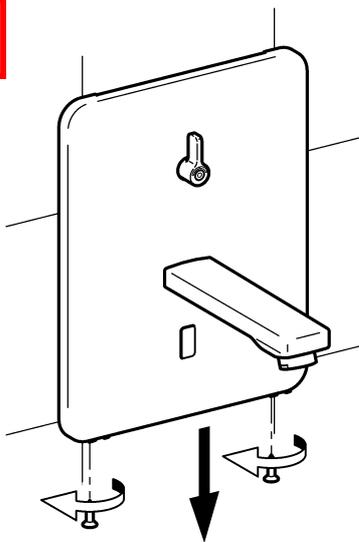
1



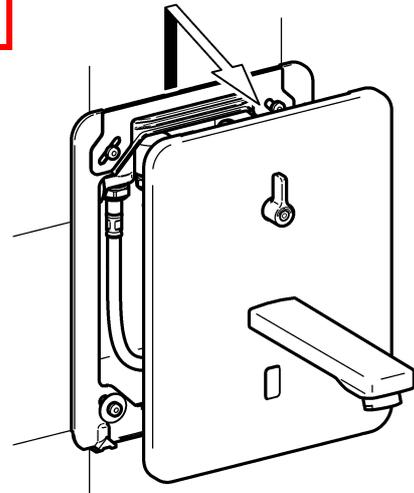
2



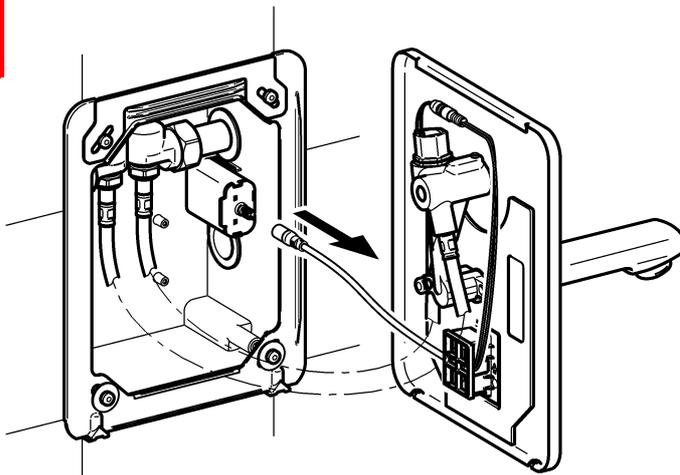
3



4



5



# 15. Abdeckplatte montieren

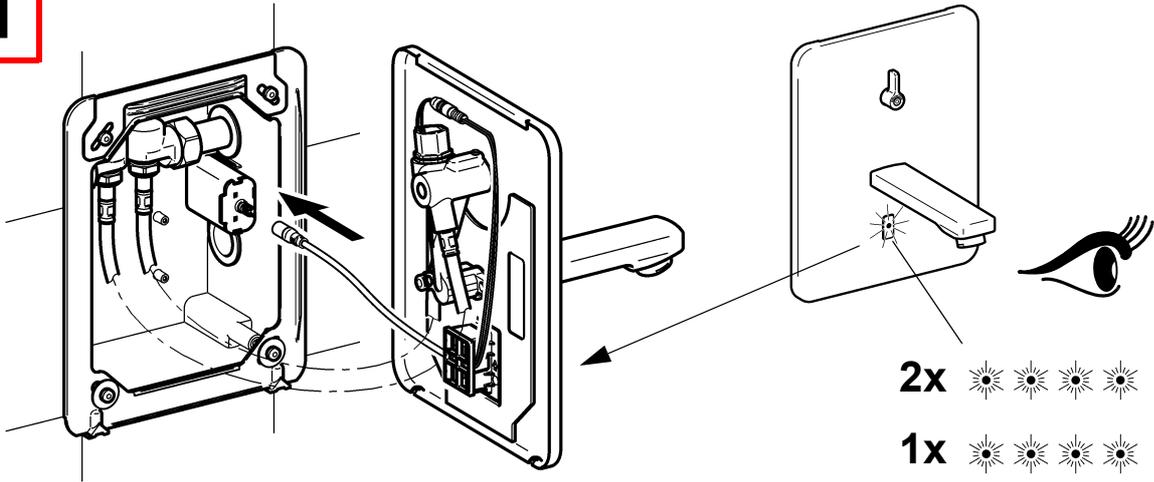
EN  
FR  
ES  
IT

NL  
PL  
SV

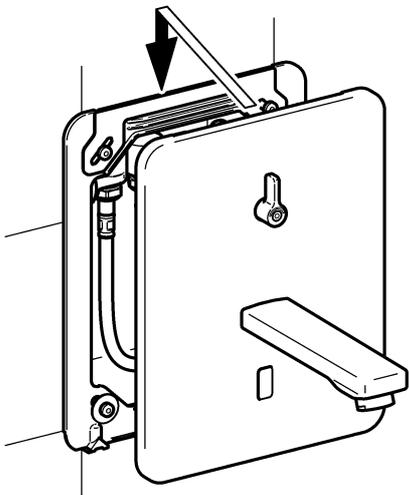
CS  
FI  
RU



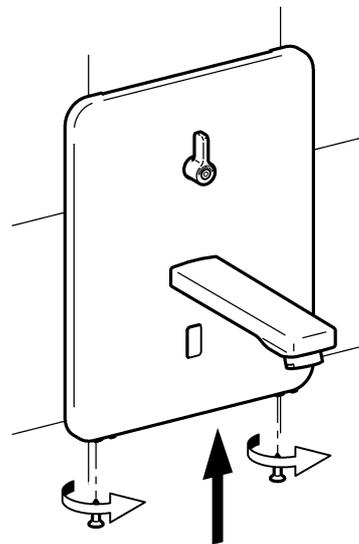
**1**



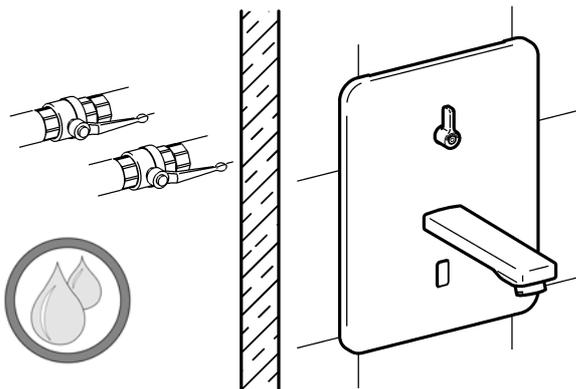
**2**



**3**



**4**



## 16. 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



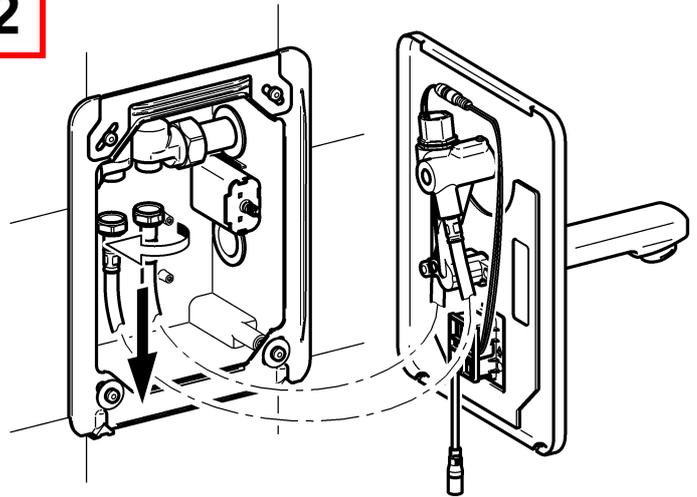
19 mm

**1**

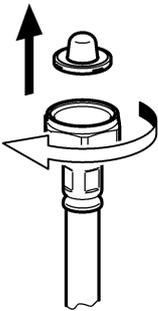


14.

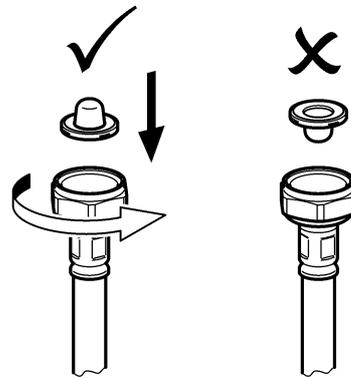
**2**



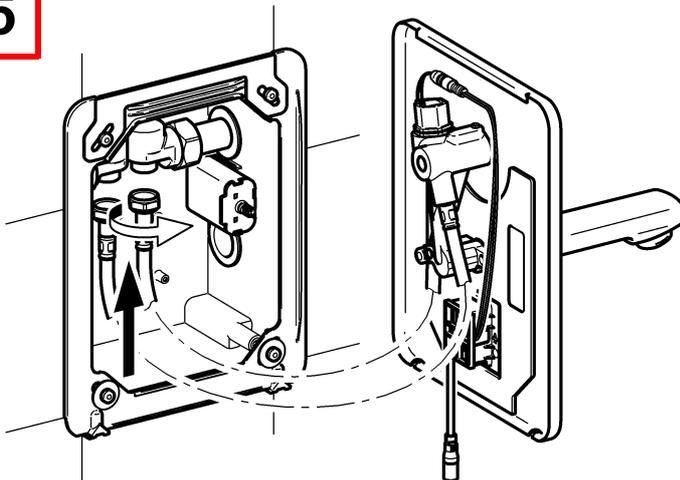
**3**



**4**



**5**



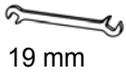
**6**



15.

## 17. 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	RU Замена картриджа электромагнитного клапана
IT Sostituzione della cartuccia della valvola elettromagnetica		

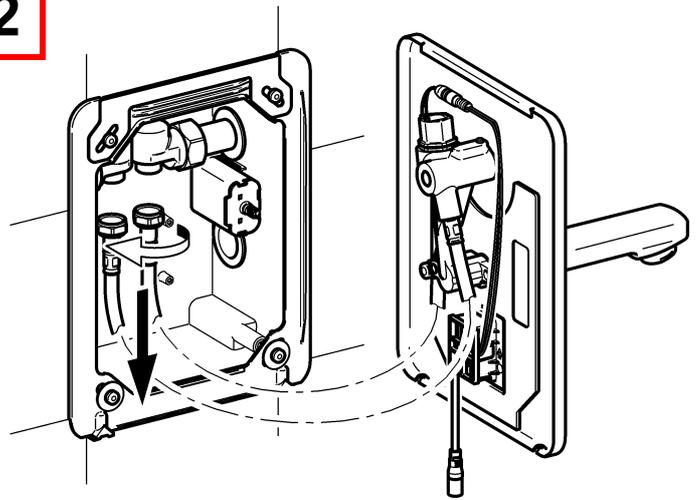


1

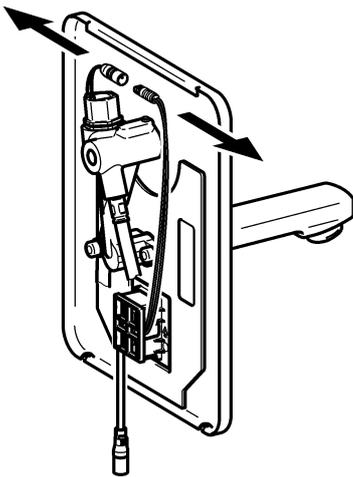


14.

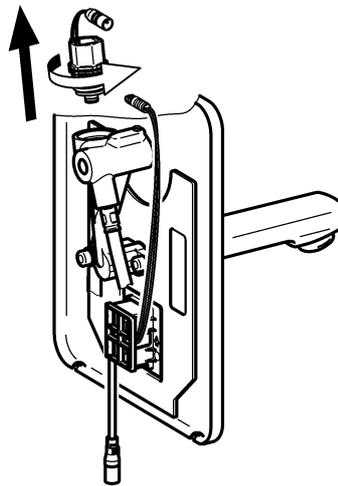
2



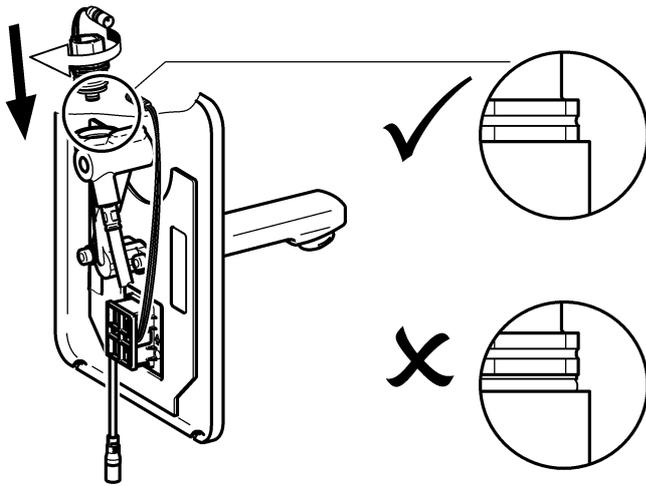
3



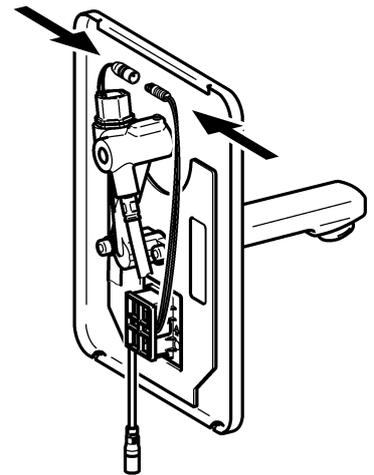
4



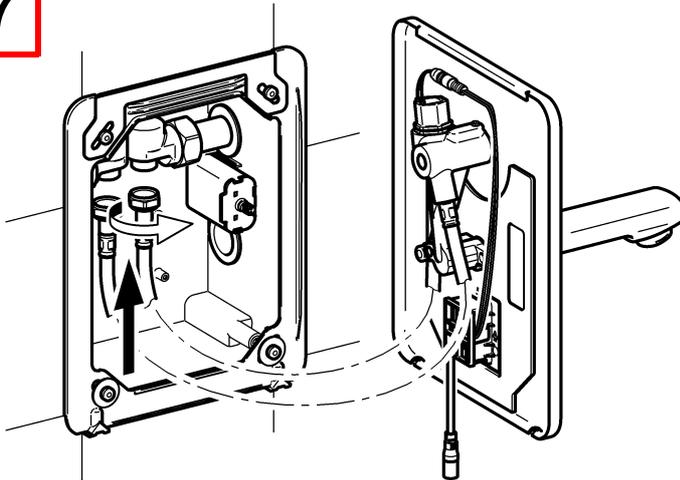
**5**



**6**



**7**



**8**



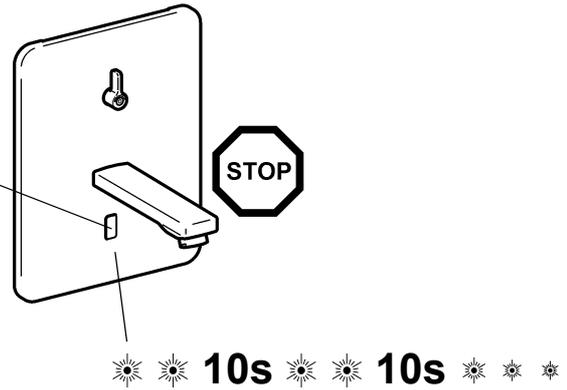
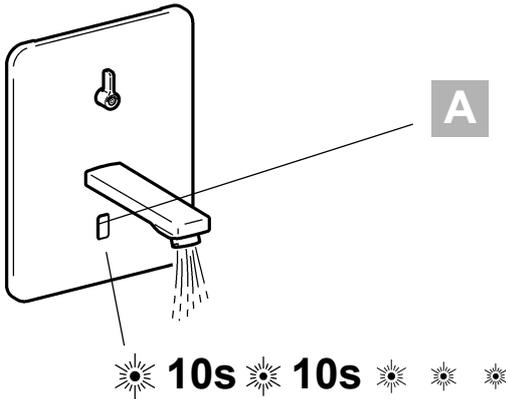
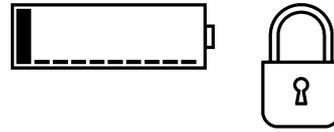
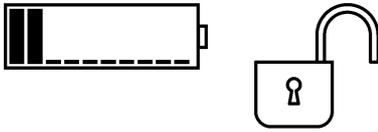
**15.**

## 18. Batteriewechsel

EN Battery replacement  
 FR Remplacement des piles  
 ES Cambio de la pila  
 IT Cambio delle batterie

NL Batterijen vervangen  
 PL Wymiany baterii  
 SV Batteribyte

CS Výměna baterie  
 FI Paristonvaihto  
 RU замена батареи



EN A Red

ES A Rojo

PL A Czerwony

FI A Punainen

DE A Rot

IT A Rosso

SV A Röd

RU A красный

FR A Rouge

NL A Rood

CS A Červený



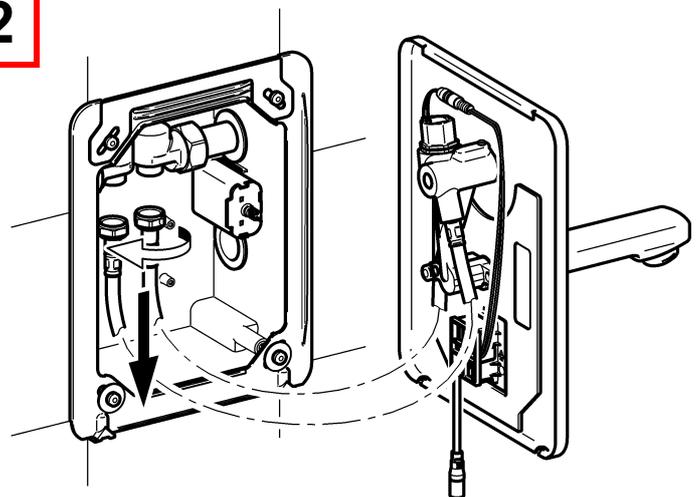
19 mm

1

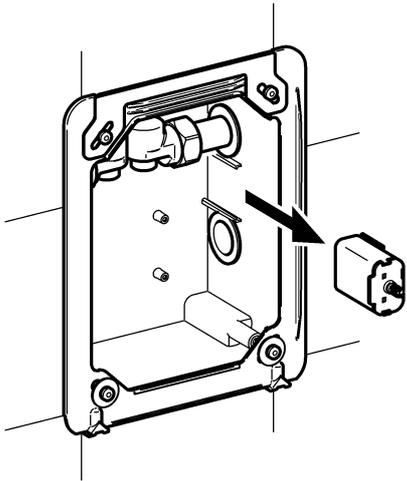


14.

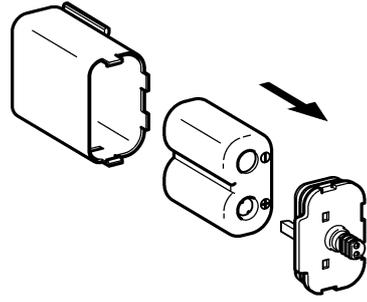
2



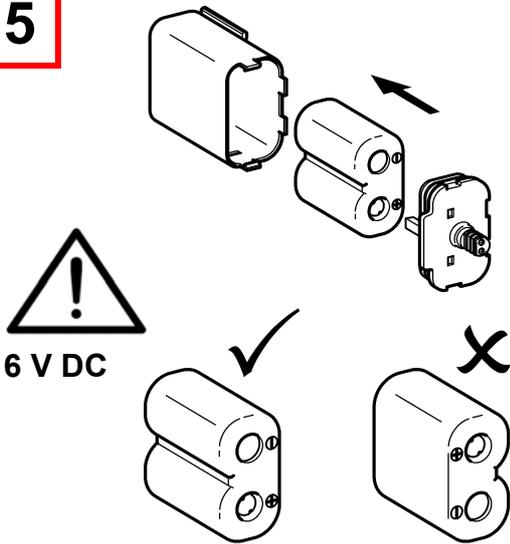
**3**



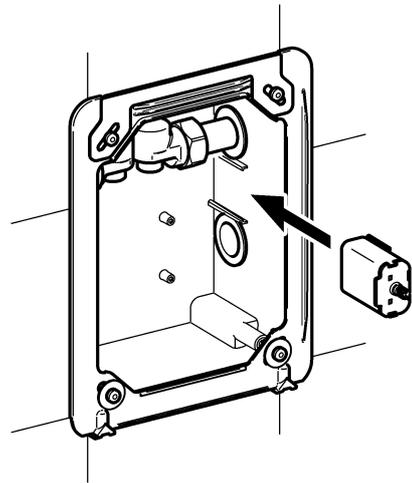
**4**



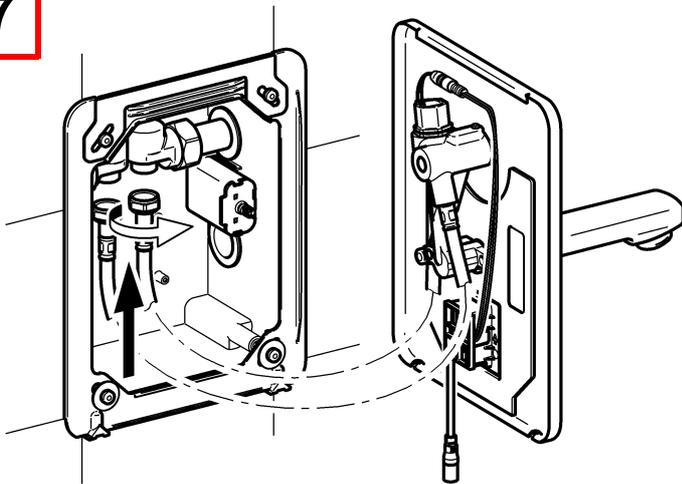
**5**



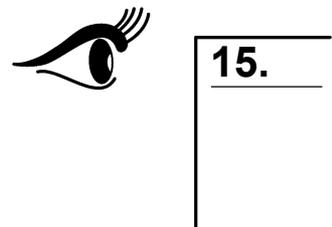
**6**



**7**



**8**

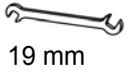


## 19. Sensor wechseln

EN  
FR  
ES  
IT

NL  
PL  
SV

CS  
FI  
RU



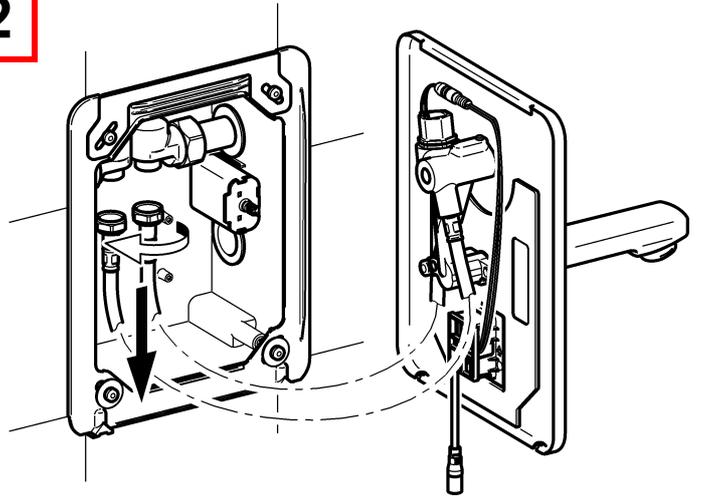
19 mm

1

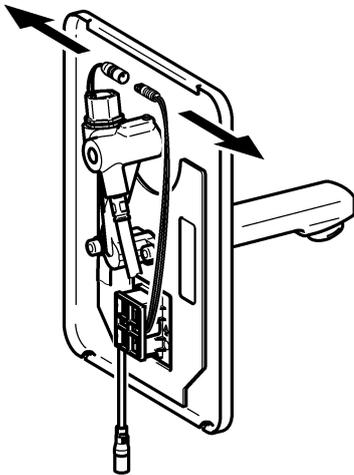


14.

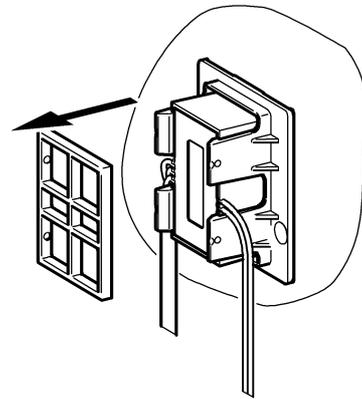
2



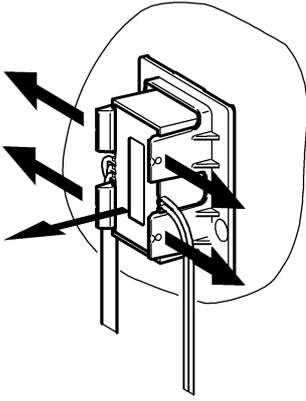
3



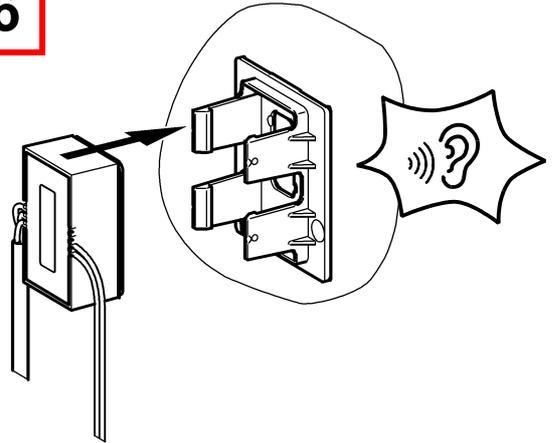
4



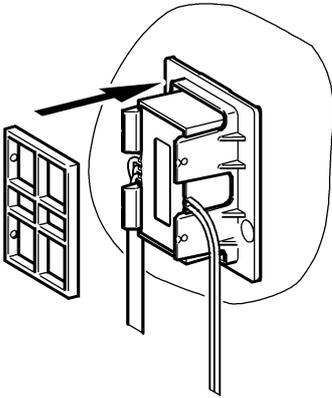
**5**



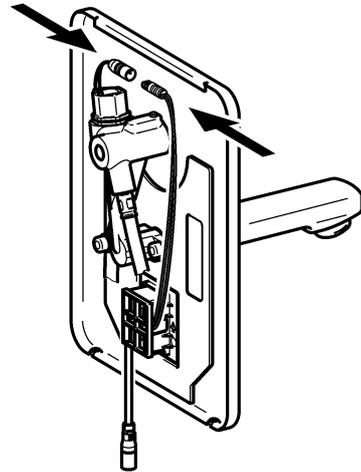
**6**



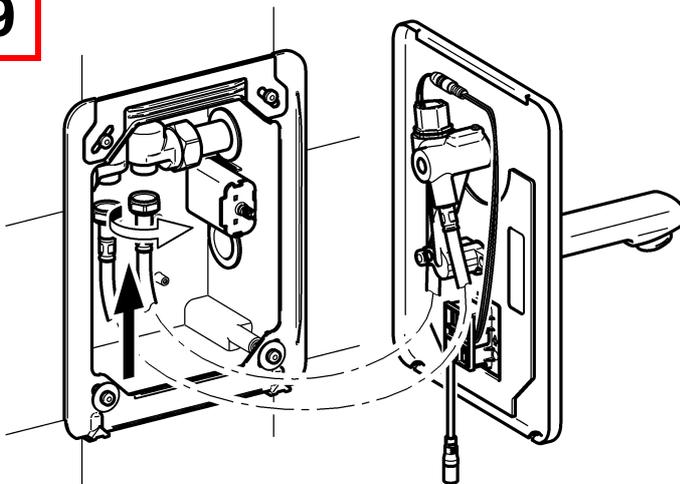
**7**



**8**



**9**



**10**



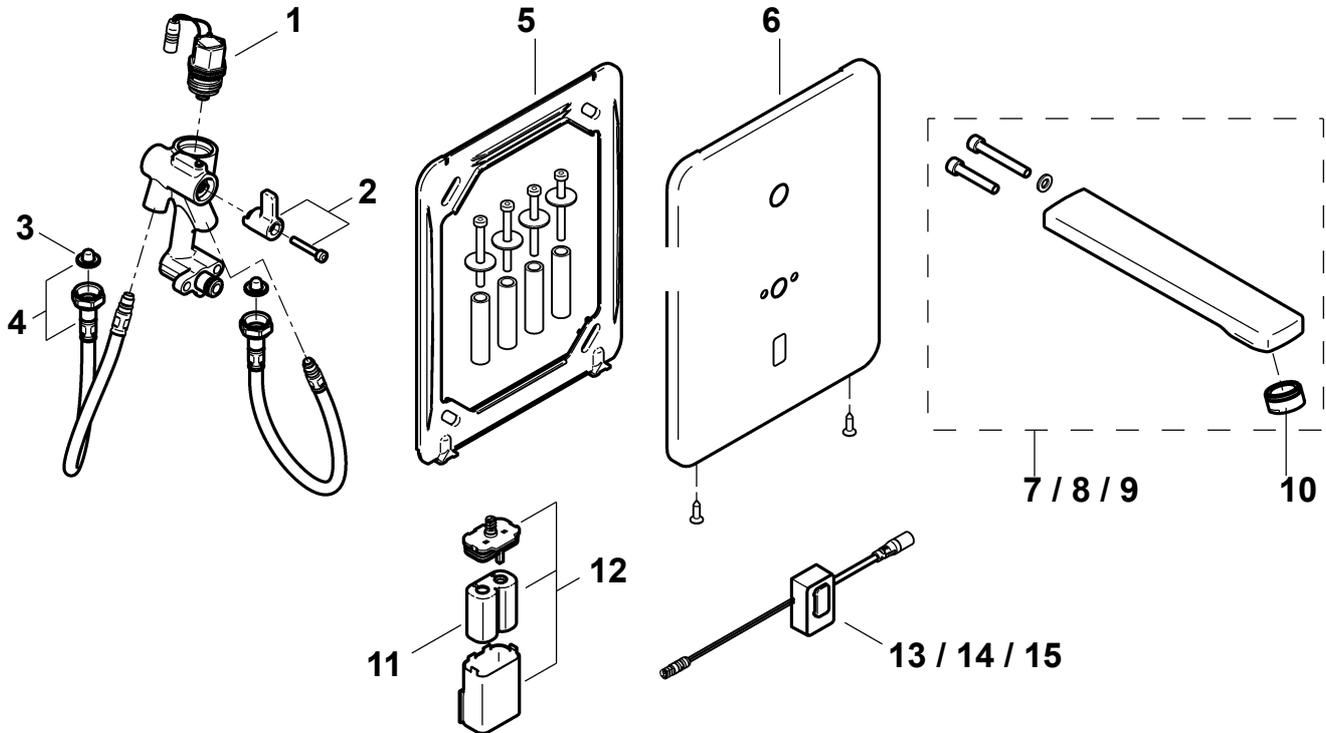
**15.**

## 20. 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

2 .... 2030041431  
ASEM1001

3 .... 2000104720<sup>a)</sup>  
7612982129384

4 .... 2030041320  
ASXM1001

5 .... 2030045472  
ASXX9001

6 .... 2030050088  
ASEM1005

7 ..... **130 mm:**  
2030050084  
ASEM1002

8 ..... **190 mm:**  
2030050085  
ASEM1003

9 ..... **250 mm:**  
2030050086  
ASEM1004

10 ... 2030012352<sup>a)</sup>  
ETAPS0037

11 ... 2000104846  
EPRTR0008

12... 2000109466  
ZAQCT0003

13... **F3EM1010:**  
2030041452  
ASEX1002

14... **F3EM1011:**  
2030041454  
ASEX1003

15... **F3EM1012:**  
2030041455  
ASEX1004

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

## 21. Zubehör

EN Accessories  
FR Accessoire  
ES Accesorios  
IT Accessori

NL Toebehoren  
PL Akcesoria  
SV Tillbehör

CS Příslušenství  
FI Varusteet  
RU принадлежности

1



2



3



1 .... 2030036654  
ACEX9005

2 .... 2030036849  
ACEX9004

3 .... 2000104778  
ZTAPS0005

4 .... 2000109019  
ZWSPPL0024

5 .... **0,5 l:**  
2000105091  
ZWSPPL0023

4



5

**Australia**

PR Kitchen and Water Systems Pty Ltd  
Dandenong South VIC 3175  
Phone +61 3 9700 9100

**Austria**

Franke GmbH  
6971 Hard  
Phone +43 5574 6735 0

**Belgium & Luxembourg**

Franke N.V.  
9400 Ninove, Belgium  
Phone +32 54 310 130

**Czech Republic**

Franke Aquarotter GmbH  
14974 Ludwigsfelde, Germany  
Phone +420 281 090 429

**France**

Franke GmbH  
6971 Hard, Austria  
Phone +33 800 909 216

**Germany**

Franke Aquarotter GmbH  
14974 Ludwigsfelde  
Phone +49 3378 818 530

**Italy**

Franke Water Systems AG  
4663 Aarburg, Switzerland  
Numero Verde 800 789 233

**Middle East**

Franke LLC  
Ras Al Khaimah, United Arab Emirates  
Phone +971 7 2034 700

**Morocco**

Franke Kitchen System SARL  
21 000 Casablanca  
Phone +212 522 674 200

**Netherlands**

Franke N.V.  
9400 Ninove, Belgium  
Phone +31 492 72 82 24

**Poland**

Franke Aquarotter GmbH  
14974 Ludwigsfelde, Germany  
Phone +48 58 35 19 700

**Portugal**

Franke Portugal S.A.  
2735-531 Cacém  
Phone +351 21 426 9670

**South Africa & Sub Saharan Africa**

Franke South Africa  
Durban, 4052  
Phone + 27 31 450 6300

**Spain**

Franke GmbH  
6971 Hard, Austria  
Phone +43 5574 6735 211

**Switzerland & Liechtenstein**

Franke Water Systems AG  
4663 Aarburg  
Phone +41 62 787 3131

**Turkey**

Franke Mutfak ve Banyo Sistemleri  
Sanayi ve Ticaret A.S.  
41400 Gebze Kocaeli  
Phone +90 262 644 6595

**United Kingdom**

Franke Sissons Ltd.  
Barlborough S43 4PZ  
Phone +44 1246 450 255

**Dart Valley Systems Ltd.**

Paignton TQ4 7TW  
Phone +44 1803 529 021

**EAST EUROPE**

**Bosnia Herzegovina | Bulgaria |  
Croatia | Hungary | Latvia | Lithuania |  
Romania | Russia | Serbia | Slovakia |  
Slovenia | Ukraine**

Franke Aquarotter GmbH  
14974 Ludwigsfelde, Germany  
Phone +49 3378 818 530

**NORTH AMERICA**

**United States | Canada**  
Franke Kindred Canada Limited  
Midland, ON L4R 4K9, Canada  
Phone +1 855 446 5663

**SCANDINAVIA & ESTONIA**

**Finland | Sweden | Norway |  
Denmark | Estonia**  
Franke Finland Oy  
76850 Naarjärvi, Finland  
Phone +358 15 34 111

**OTHER COUNTRIES**

Franke GmbH  
6971 Hard, Austria  
Phone +43 5574 6735 0

