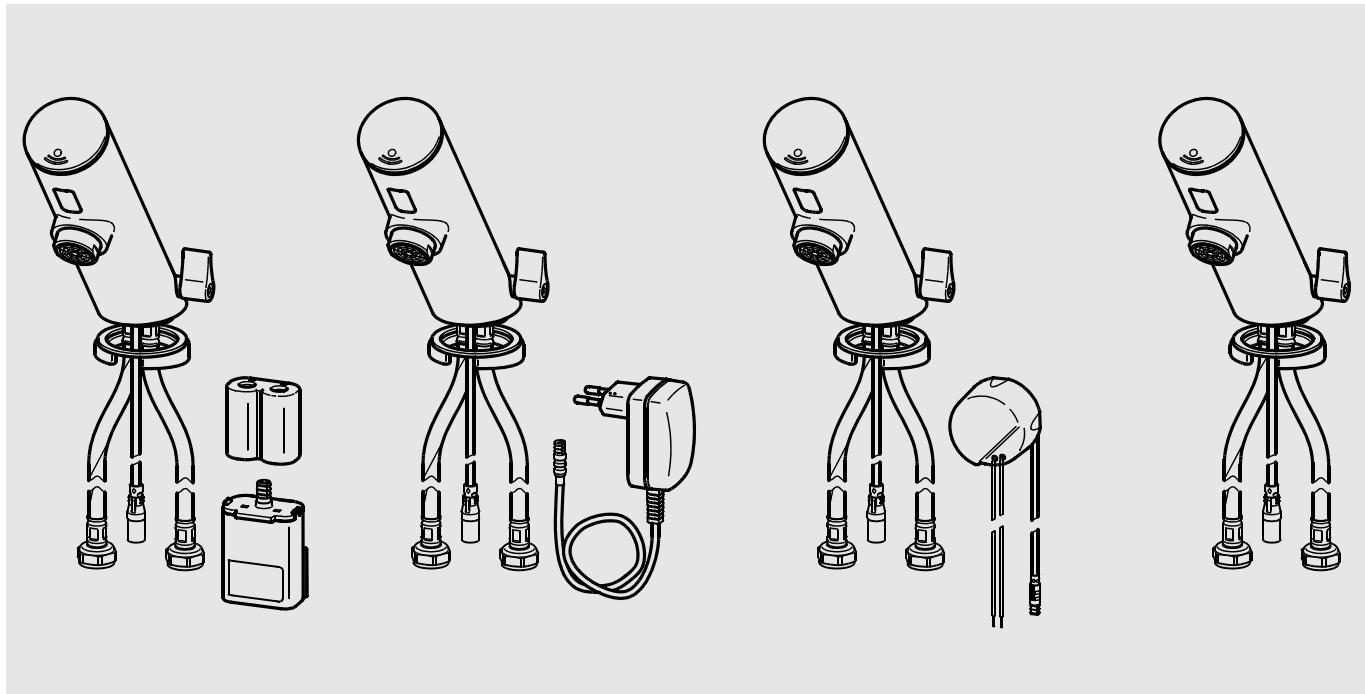


# F3



**F3EM 1001**

2030033388

7612982235474

**F3EM 1002**

2030033389

7612982235481

**F3EM 1003**

2030033545

7612982235726

**F3EM 1005**

2030039469

7612982244131

DE Montage- und Betriebsanleitung

Elektronik-Standbatterie

EN Installation and operating instructions

Electronic pillar mixer

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

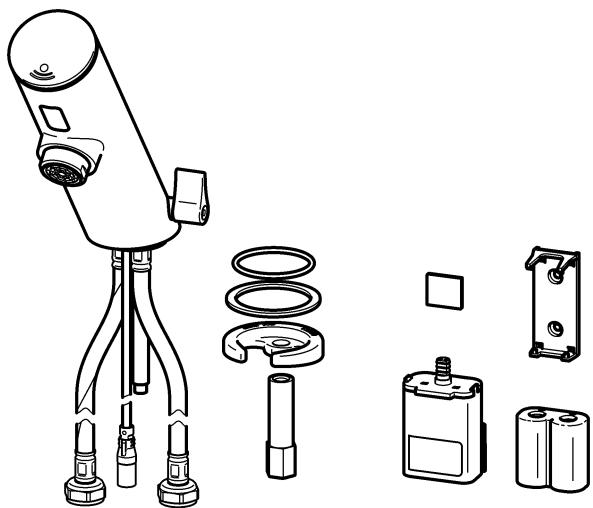
CS Návod pro montáž a provoz

FI Asennus- ja käyttöohje

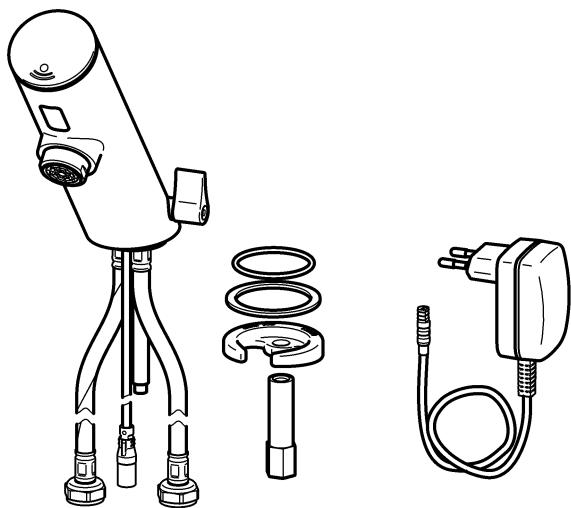
RU Инструкция по монтажу и вводу в эксплуатацию



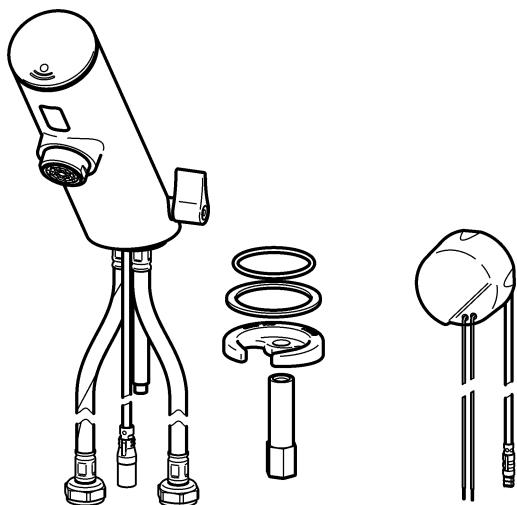
F3EM1001



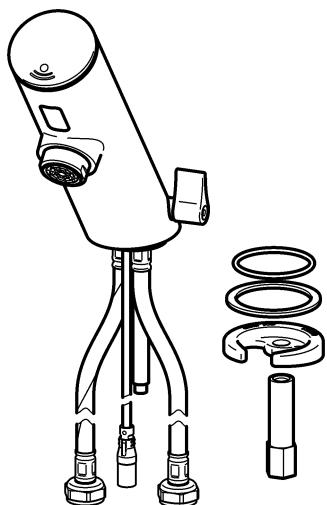
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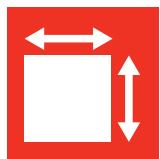


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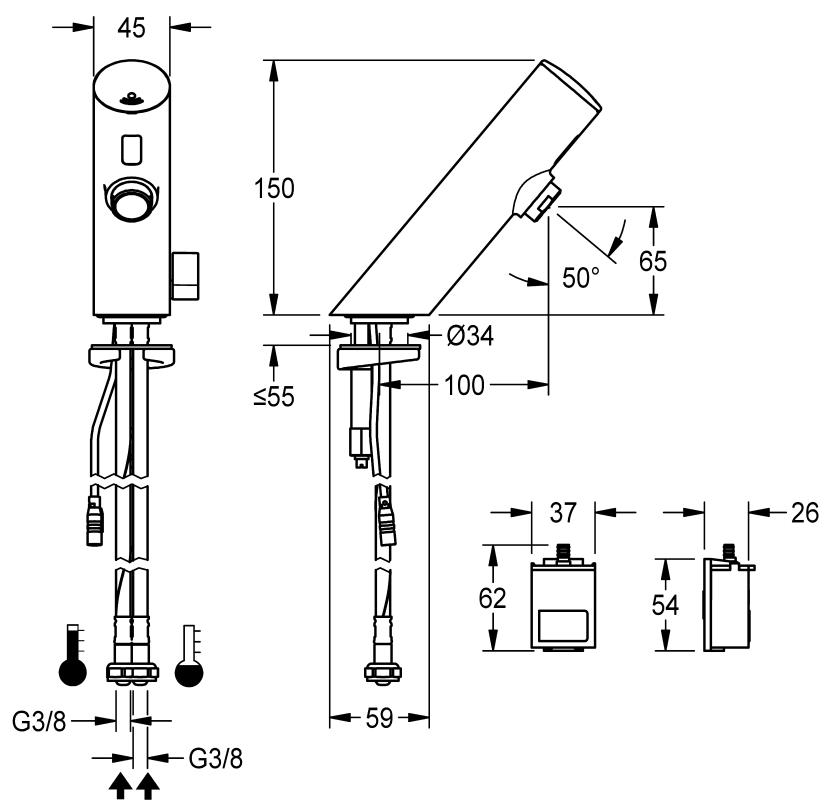


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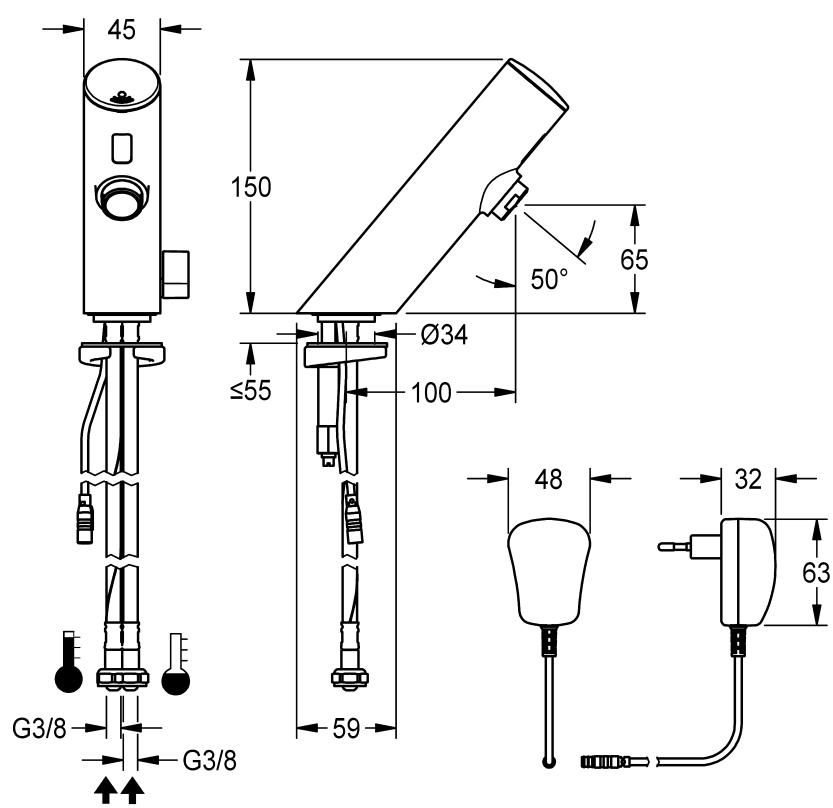




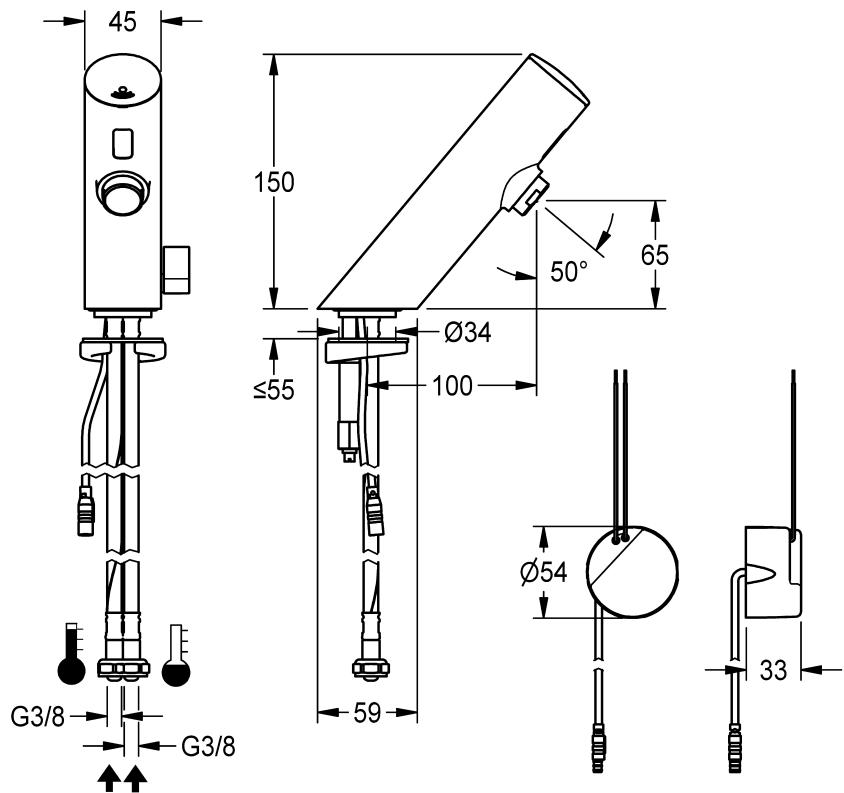
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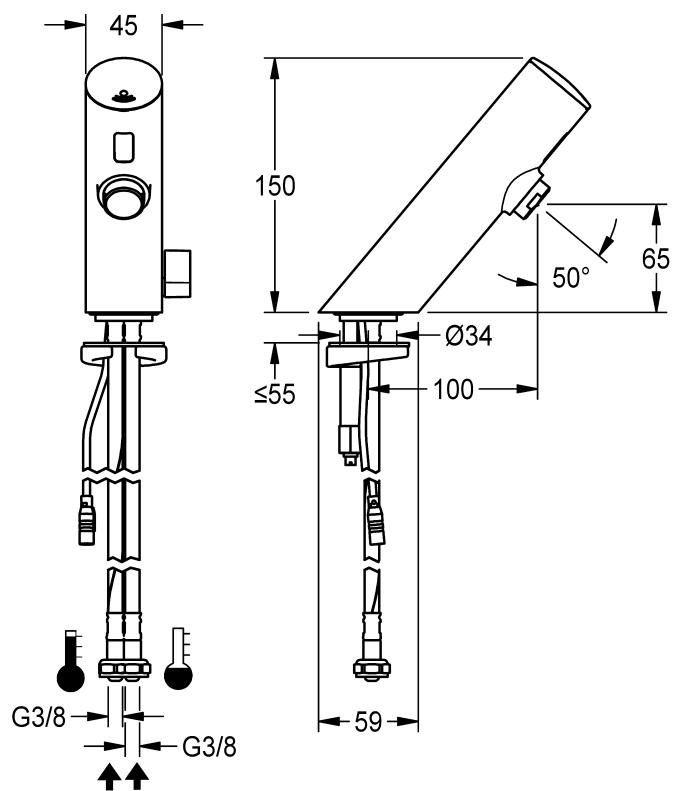
F3EM1002



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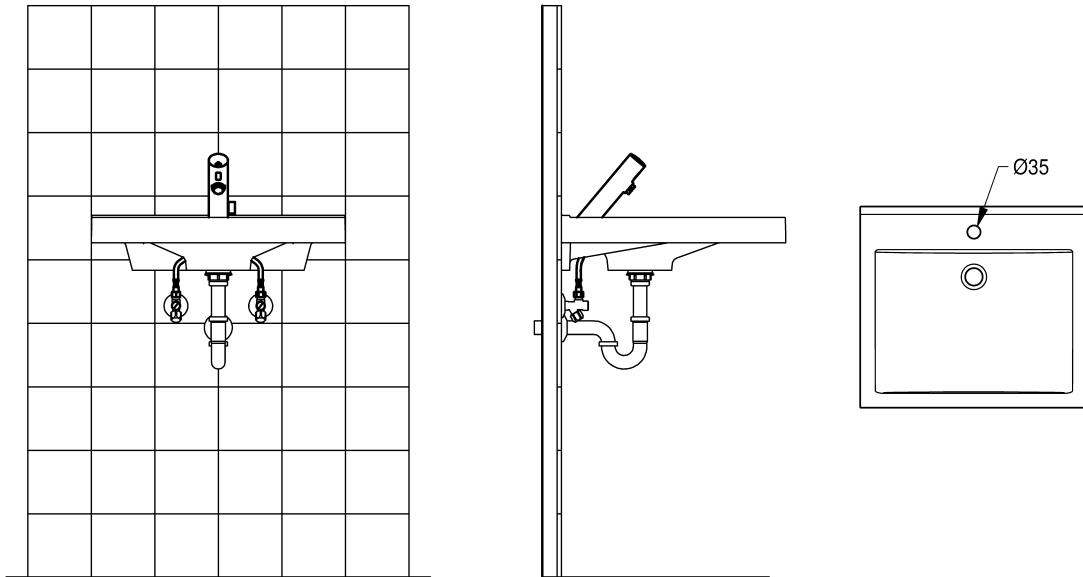


**F3EM1005**

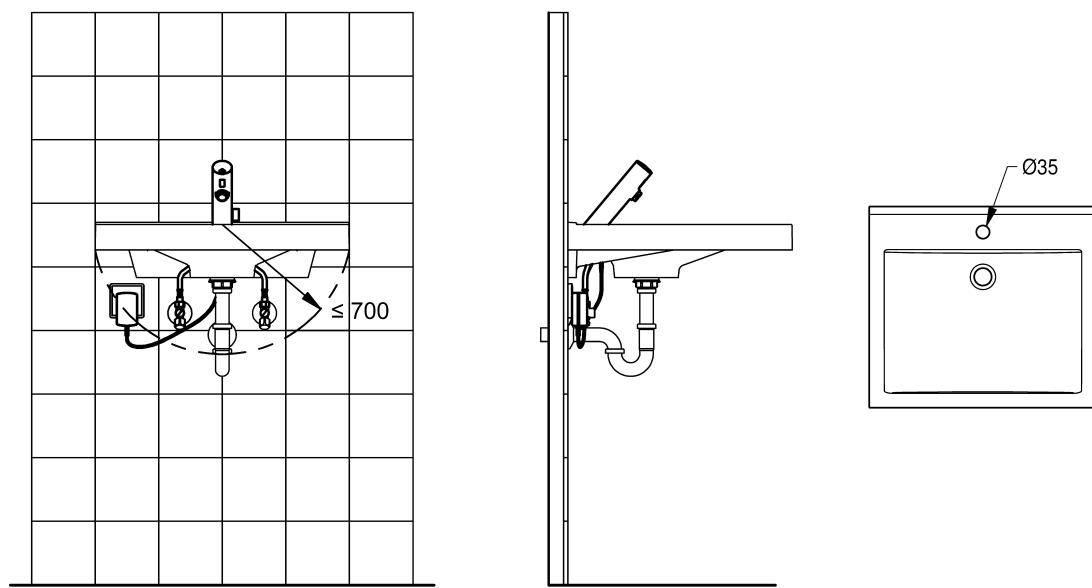




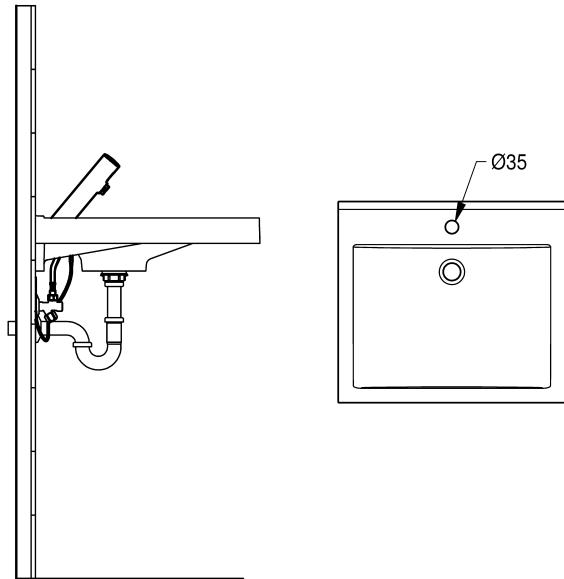
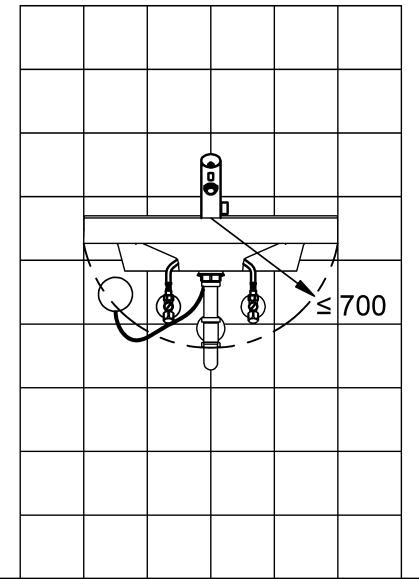
## F3EM1001



## F3EM002



# F3EM1003, F3EM1005



## EN Installation and operating instructions

### Important notes

- Before installing flush piping system!
- After completing the installation, set the temperature limiter!
- 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
- maximum operating temperature
  - continuous operation 70° C
  - short-term (<10 min) 80° C
- F3EM1001: Voltage supply with lithium battery CRP2 6 V DC
- F3EM1002, F3EM1003:  
Supply voltage 110-240 V AC
- F3EM1005:  
Supply voltage 6,75 / 12 V DC
- Power consumption 1,5 W
- Type of protection IP 59K

## DE Montage- und Betriebsanleitung

### Wichtige Hinweise

- Vor Installation Rohrleitungen gemäß spülen!
- Nach erfolgter Montage die Temperaturanschlag einstellen!
- 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
- maximale Betriebstemperatur
  - Dauerbetrieb 70° C
  - Kurzzeit (<10 min) 80° C
- F3EM1001: Spannungsversorgung  
Lithium Batterie CRP2 6 V DC
- F3EM1002, F3EM1003:  
Anschlussspannung 110-240 V AC
- F3EM1005:  
Anschlussspannung 6,75 / 12 V DC
- Leistungsaufnahme 1,5 W
- Schutzart IP 59K

**PL**

## Instrukcja montażu i obsługi

### Ważne wskazówki

- Przed instalacją przepłukać rury!
- Po zakończeniu 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
- Maksymalna temperatura eksploatacji
  - Praca stała 70° C
  - Czas krótki (<10 min) 80° C
- F3EM1001: Zasilanie elektryczne baterią litową CRP2 6 V DC
- F3EM1002, F3EM1003:  
Napięcie przyłączeniowe 110-240 V AC
- F3EM1005:  
Napięcie przyłączeniowe 6,75 / 12 V DC
- Pobór mocy 1,5 W
- Rodzaj ochrony IP 59K

**SV**

## Monterings- och driftinstruktion

### Viktiga informationer

- Spola igenom rörledningarna före installation!
- När monteringen har gjorts skall temperaturbegränsningen ställas in!
- 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 drifttryck 10 bar
- Rekommenderat hydrauliskt tryck 1-5 bar
- Volymström vid 3 bar hydrauliskt tryck 6 l/min
- Maximal driftstemperatur
  - Kontinuerlig drift 70° C
  - Kort tid (< 10 min) 80° C
- F3EM1001: Spänningsförsörjning med litiumbatteri CRP2 6 V DC
- F3EM1002, F3EM1003:  
Anslutningsspänning 110-240 V AC
- F3EM1005:  
Anslutningsspänning 6,75 / 12 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 !
- Une fois le montage terminé, régler la limitation de température !
- 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
- Température de fonctionnement maximale
  - Fonctionnement continu 70° C
  - Courte période (< 10 min) 80° C
- F3EM1001: Alimentation en tension avec pile au lithium CRP2 6 V DC
- F3EM1002, F3EM1003:  
Tension de raccordement 110-240 V AC
- F3EM1005:  
Tension de raccordement 6,75 / 12 V DC
- Puissance absorbée 1,5 W
- Type de protection IP 59K

**CS**

## Návod pro montáž a provoz

### Důležité pokyny

- Před instalací potrubí propláchněte!
- Po provedené montáži nastavit omezení teploty!
- 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 6 l/min
- Maximální provozní teplota
  - Doba provozu 70° C
  - Krátký čas (< 10 min.) 80° C
- F3EM1001: Napájení lithiovou baterií CRP2 6 V DC
- F3EM1002, F3EM1003:  
Přípojná napětí 110-240 V AC
- F3EM1005:  
Přípojná napětí 6,75 / 12 V DC
- Příkon 1,5 W
- Krytí IP 59K

**ES**

## Instrucciones de montaje y servicio

### Indicaciones importantes

- ¡Enjuagar las tuberías antes de instalar!
- ¡Ajuste el límite de temperatura tras realizar el montaje!
- ¡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
- Temperatura de servicio máxima
  - Funcionamiento continuo 70° C
  - Tiempo breve (< 10 min) 80° C
- F3EM1001: Alimentación de corriente con batería de litio CRP2 6 V DC
- F3EM1002, F3EM1003:  
Tensión de conexión 110-240 V AC
- F3EM1005:  
Tensión de conexión 6,75 / 12 V DC
- Consumo de potencia 1,5 W
- Modo de protección IP 59K

**FI**

## Asennus- ja käyttöohje

### Tärkeitä ohjeita

- Huuhtele putkijohdot ennen asennusta!
- Säädä asennuksen jälkeen lämpötilan rajoitus!
- Käytä varusteet vain alkuperäisten sihtien ja takaisinvirtauksen eston kanssa!
- Hana tulee tarkistaa ja huoltaa säädöllisin 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
- Maksimaalinen käyttölämpötila
  - Jatkuva käyttö 70° C
  - Lyhyt aika (<10 min) 80° C
- F3EM1001: Jännitteensyöttö litiumparistolalla CRP2 6 V DC
- F3EM1002, F3EM1003:  
Verkkojännite 110-240 V AC
- F3EM1005:  
Verkkojännite 6,75 / 12 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!
- Una volta terminata l'installazione, impostare la limitazione di 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 Temperatura massima di esercizio
  - Funzionamento continuo 70 °C
  - Brevemente (<10 min) 80 °C
- F3EM1001: Alimentazione di tensione con batteria al litio CRP 2 di 6 V DC
- F3EM1002, F3EM1003:  
Tensione di allacciamento 110-240 V AC
- F3EM1005:  
Tensione di allacciamento 6,75 / 12 V DC
- Potenza assorbita 1,5 W
- Tipo di protezione IP 59K

**RU**

## Инструкция по монтажу и вводу в эксплуатацию

### Важные указания

- Перед инсталляцией промыть трубы!
- После монтажа отрегулировать температурный предел!
- 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
- Объёмный расход при гидравлическом напоре 3 бар 6 л/мин
- Максимальная рабочая температура
  - Непрерывный режим работы 70 °C
  - Короткое время (<10 мин) 80 °C
- F3EM1001: Источник питания - литиевая батарея CRP 2 6 В постоянного тока
- F3EM1002, F3EM1003:  
Напряжение питающей сети 230 В переменного тока
- F3EM1005:  
Напряжение питающей сети 6,75 / 12 В постоянного тока
- Потребляемая мощность 1,5 Вт
- Вид защиты IP 59K

**NL**

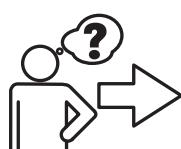
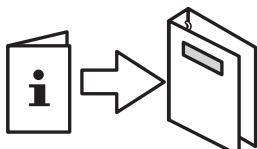
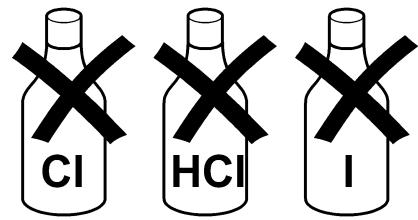
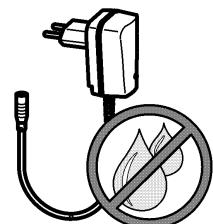
## Montage- en bedrijfsinstructies

### Belangrijke aanwijzingen

- Voor installatie buisleidingen spoelen!
- 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
- Maximale bedrijfstemperatuur
  - Continubedrijf 70 °C
  - Kortstondig (<10 min) 80 °C
- F3EM1001: Spanningsvoorziening d.m.v. lithiumbatterij CRP2 6 V DC
- F3EM1002, F3EM1003:  
Aansluitspanning 110-240 V AC
- F3EM1005:  
Aansluitspanning 6,75 / 12 V AC
- Opgenomen vermogen 1,5 W
- Veiligheidsgraad IP 59K



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

## 1. Montage

EN Installation  
FR Montage  
ES Montaje  
IT Montaggio

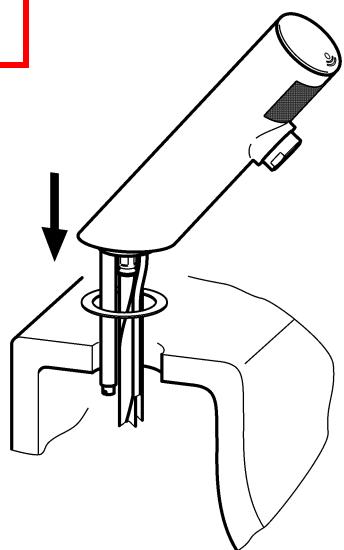
NL Montage  
PL Montaż  
SV Montering

CS Montáž  
FI Asennus  
RU Монтаж

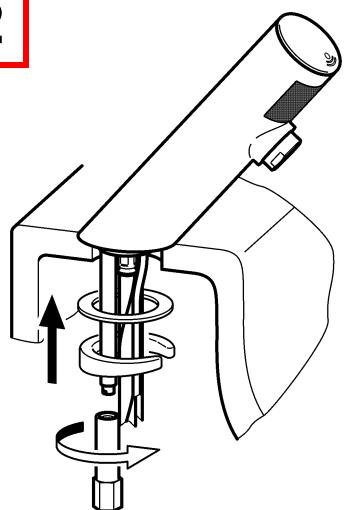


13 mm      19 mm

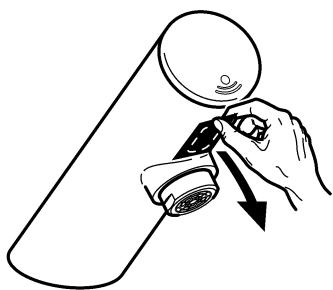
1



2

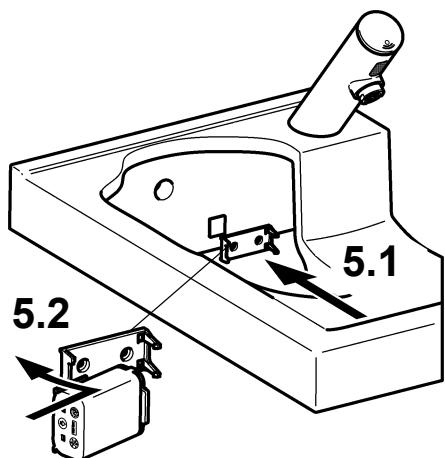


**3**

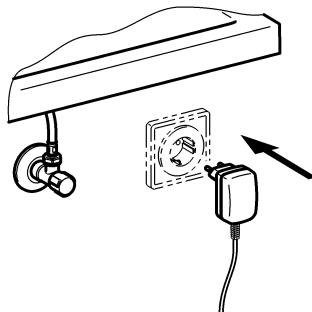


**4**

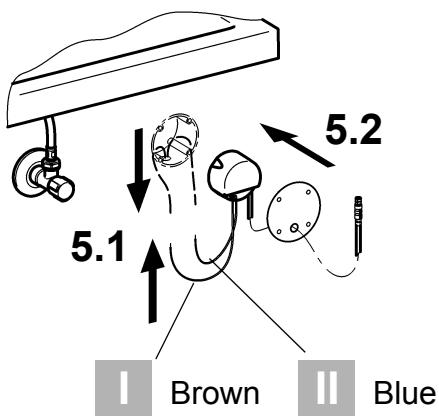
F3EM1001



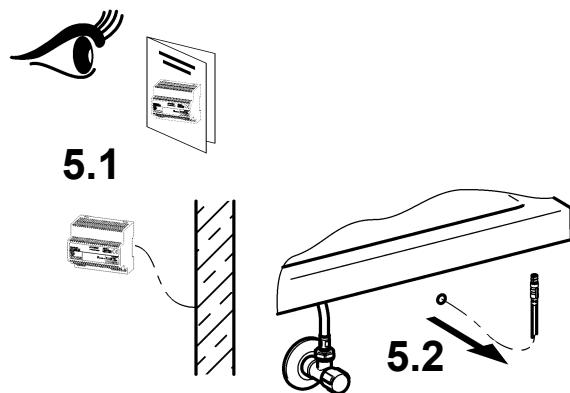
F3EM1002



F3EM1003



F3EM1005



**EN** I Brown = L  
II Blue = N

**ES** I Bruna = L  
II Azul = N

**DE** I Braun = L  
II Blau = N

**IT** I Bruno = L  
II Blu = N

**FR** I Brun = L  
II Bleu = N

**NL** I Bruin = L  
II Blauw = N

**PL** I Brazowy = L  
II Niebieski = N

**SV** I Brun = L  
II Blå = N

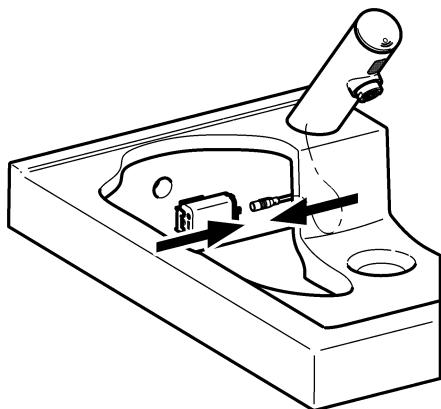
**CS** I Hnědý = L  
II Modrý = N

**FI** I Ruskea = L  
II Sininen = N

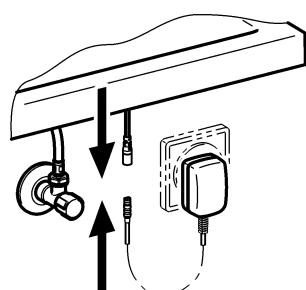
**RU** I коричневый = L  
II голубой = N

**5**

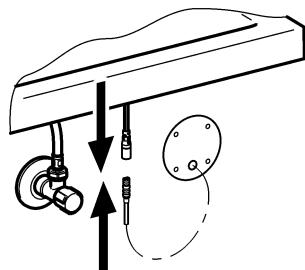
F3EM1001



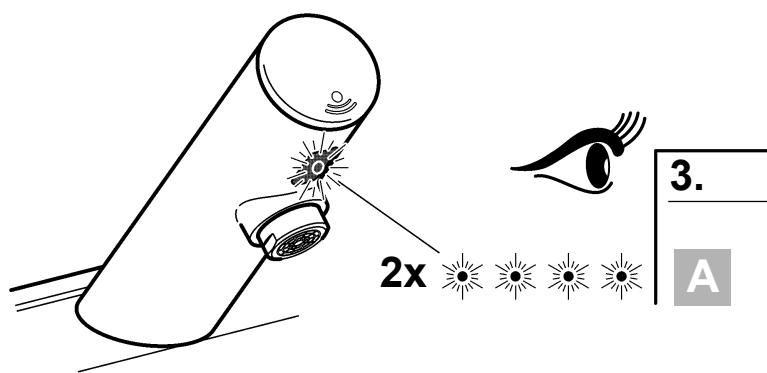
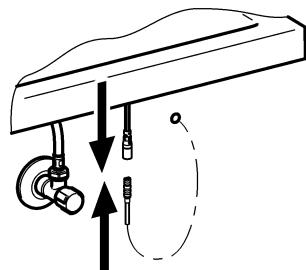
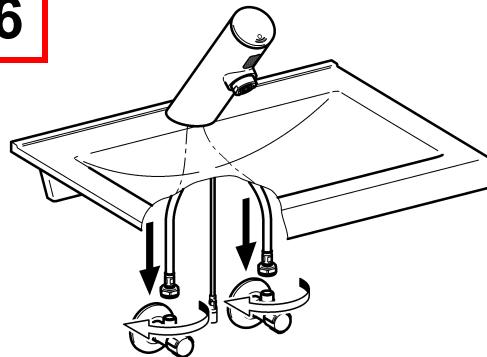
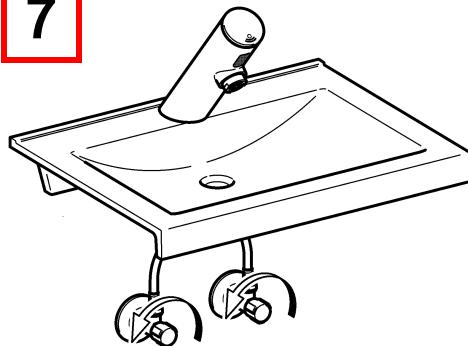
F3EM1002



F3EM1003



F3EM1005

**6****7**

## 2. Funktion

EN Function

FR Fonctionnement

ES Función

IT Funzionamento

NL Werking

PL Funkcja

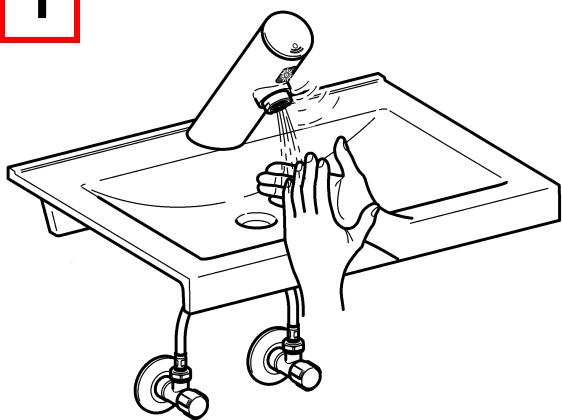
SV Funktion

CS Funkce

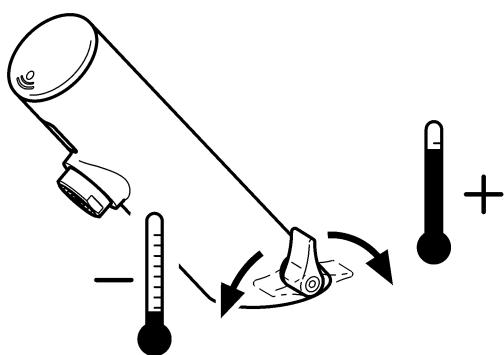
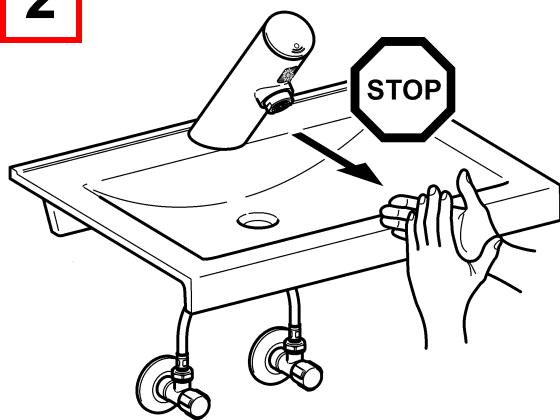
FI Toiminto

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 Hygienahuuhtelun pääle-/ pois päältäkytkeminen
ES Activar/Desactivar el higiene enjuague	SV Koppla hygienspolningen till / från	RU Гигиеническое промывание включить/выключить
IT Attivare/disattivare lo igiene risciacquo		

#### EN

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

#### DE

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

#### FR

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

#### ES

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

#### 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

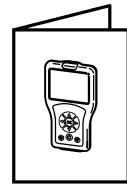
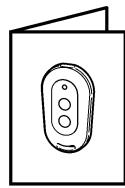
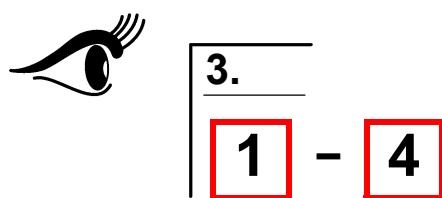
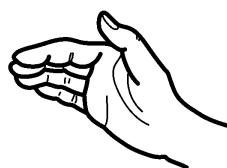
- Zajistěte volný odtok.
- Při nepoužívání 24 h nechte 30 s téct vodu.

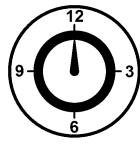
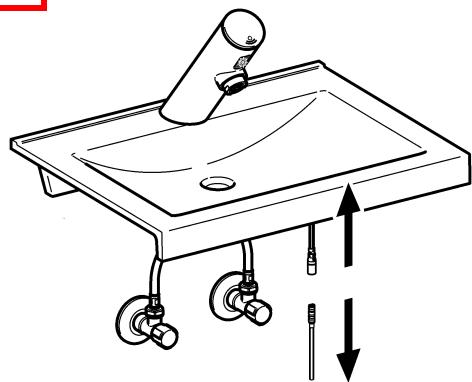
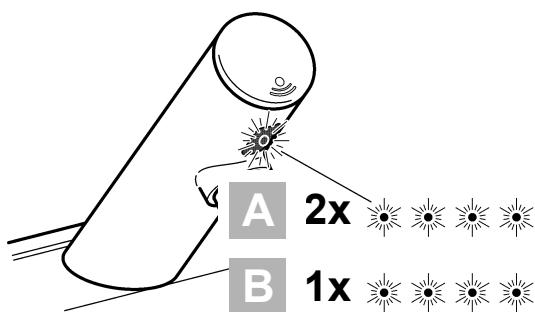
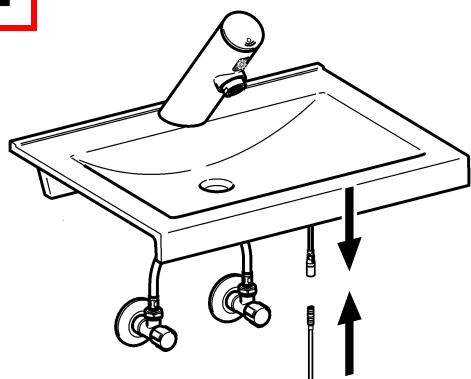
#### FI

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

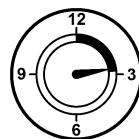
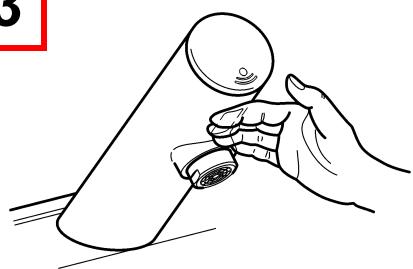
#### RU

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



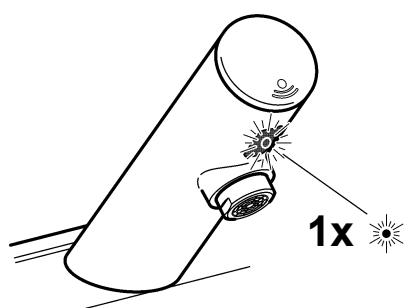
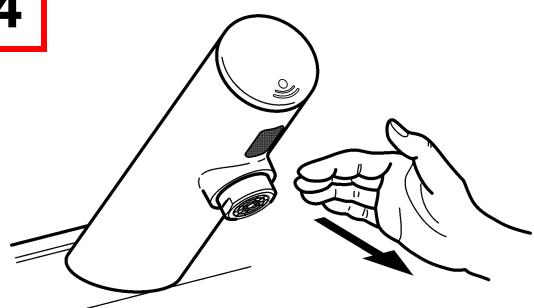
**1**60 s  
→**2**

**3**

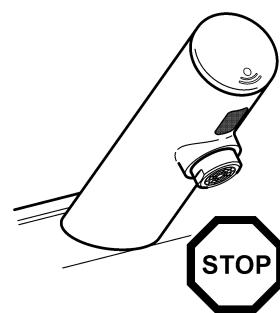
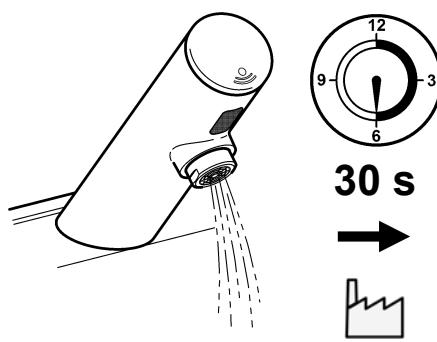
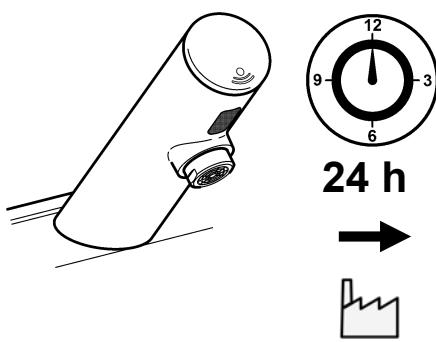


**>12 s**

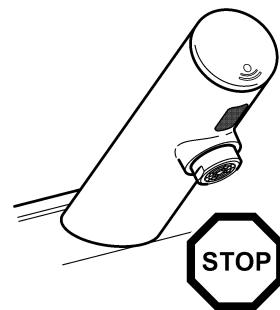
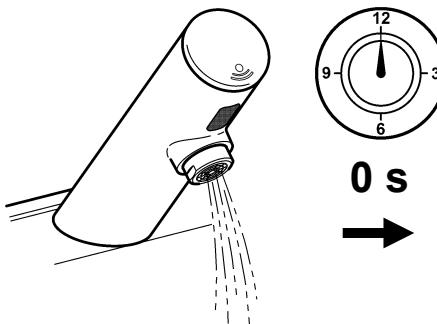
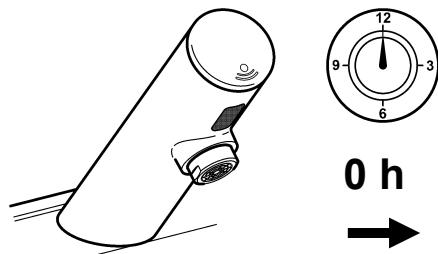
**4**



**A**



**B**



## 4. Armatur ausschalten

EN Switch off the valve

FR Désactiver la robinetterie

ES Desconectar la grifería

IT Disattivazione della rubinetteria

NL Armatuur uitschakelen

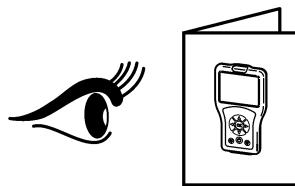
PL Wyłączenie baterii

SV Avstängning av armatur

CS Vypnout armaturu

FI Laitteen kytkeminen pois päältä

RU отключить оборудование



## 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

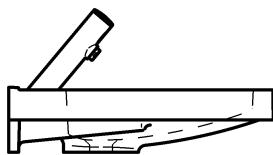
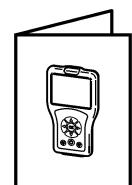
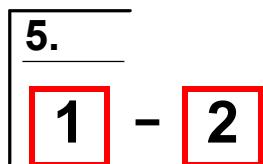
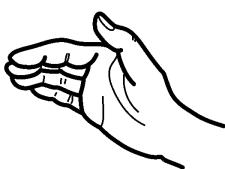
PL Uruchomić stały wypływ wody

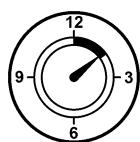
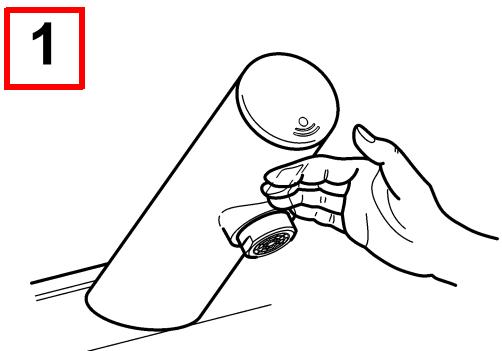
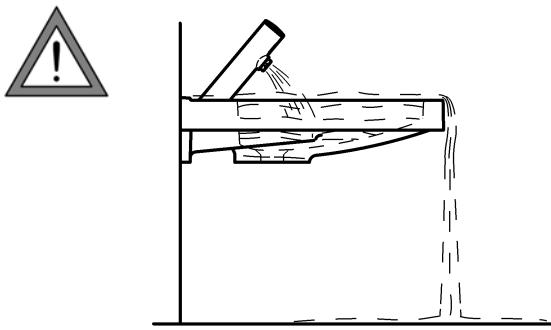
SV Starta kontinuerlig drift

CS Spustit trvalý provoz

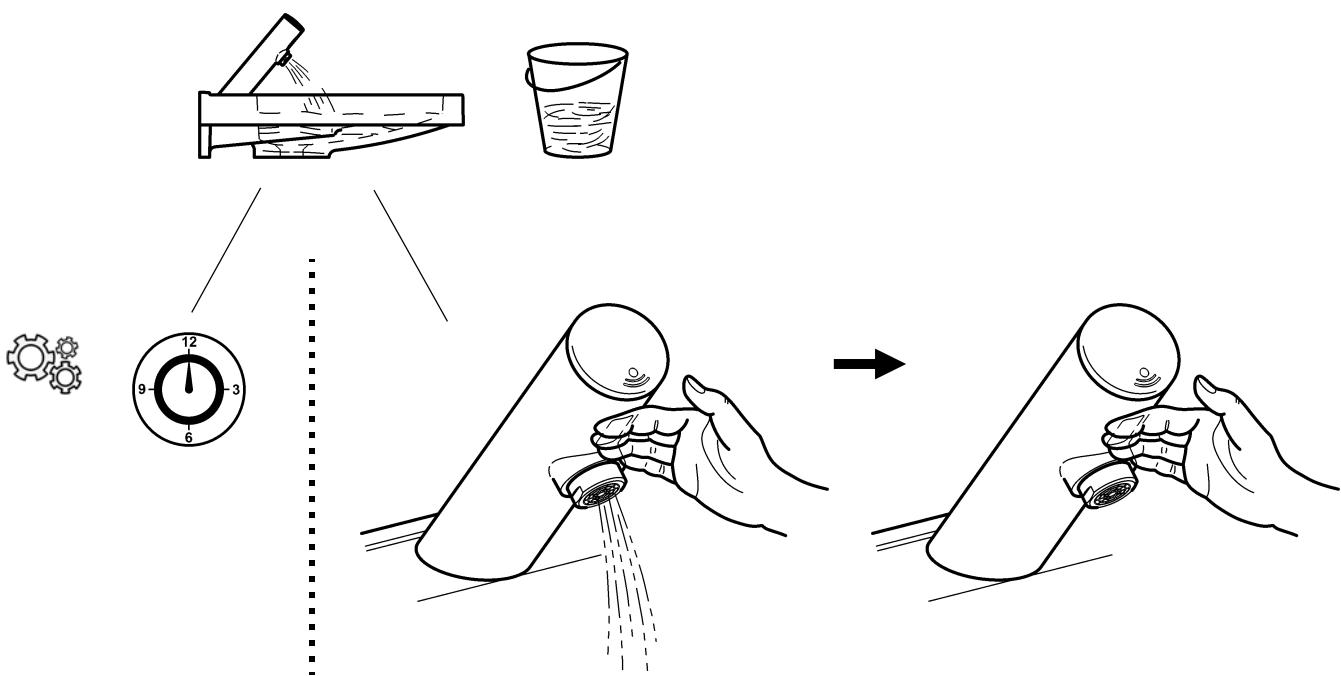
FI Tuotantokäytön aloittaminen

RU запустить ресурс



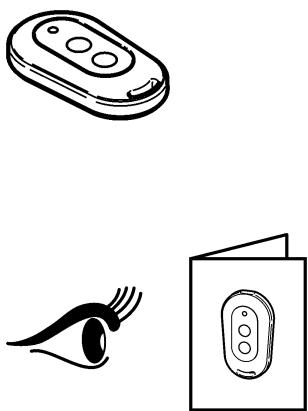
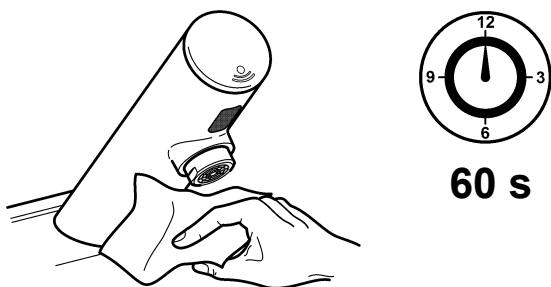


**5 – 8 s**



## 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. Reichweite einstellen

EN Adjusting the range

FR Réglage de la portée

ES Ajuste del alcance

IT Impostazione della portata

NL Actieradius instellen

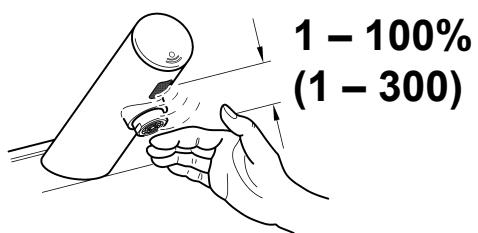
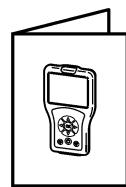
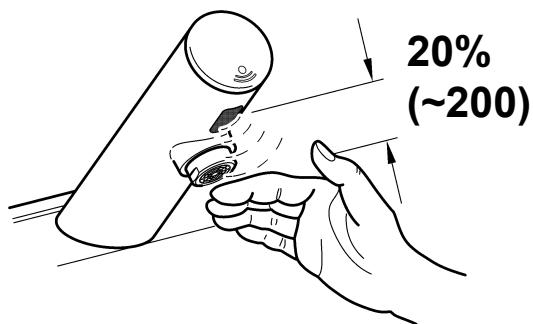
PL Ustawienie zasięgu

SV Ställa in räckvidden

CS Nastavení dosahu

FI Tunnistusetäisyyden säättäminen

RU Настройка дальности действия



## 8. 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

- I: Interval adjustable in h
- II: Flow duration adjustable in s

### DE

- I: Intervall einstellbar in h
- II: Fließzeit einstellbar in s

### FR

- I: intervalle réglable en h
- II: durée d'écoulement réglable en s

### ES

- I: Intervalo ajustable en horas
- II: Tiempo de flujo activable en seg

### IT

- I: intervallo impostabile in h
- II: durata di flusso impostabile in s

### NL

- I: Interval instelbaar in u
- II: Stromingstijd instelbaar in s

### PL

- I: odstęp czasu regulowany w godzinach
- II: czas przepływu regulowany w sekundach

### SV

- I: Intervall kan ställas in i timmar
- II: Flödestid kan ställas in i sekunder

### CS

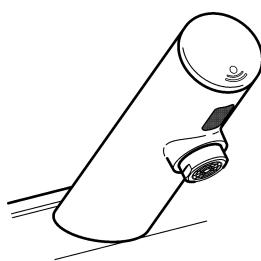
- I: Interval s nastavením v h
- II: Doba průtoku s nastavením v s

### FI

- I: Aikaväli, asetettavissa h
- II: Virtausaika, asetettavissa s

### RU

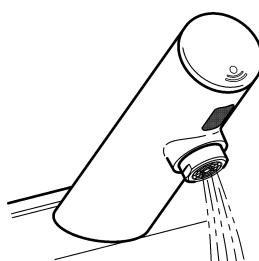
- I: интервал задается в ч
- II: время течения задается в сек.



I



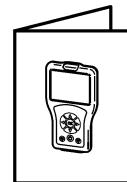
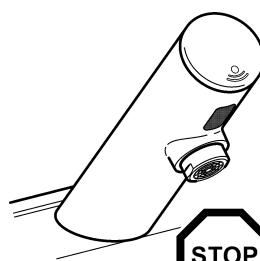
24 h



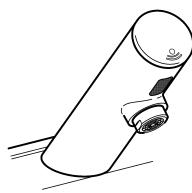
II



30 s



I



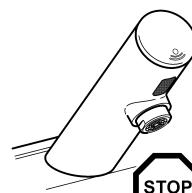
1 - 255 h



II



1 - 255 s



## 9. 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

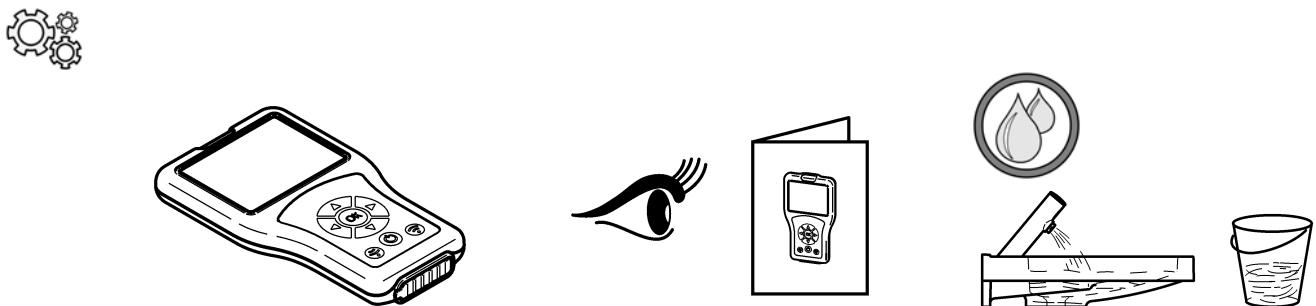
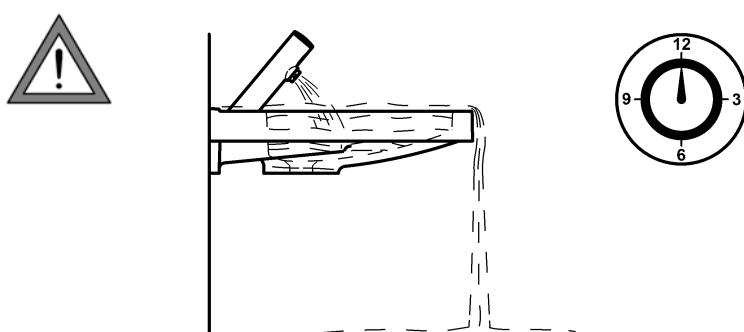
PL Ustawienie ciągłego wypływu

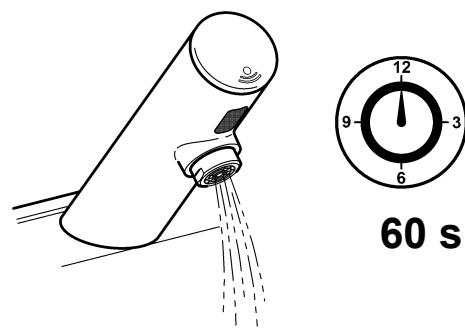
SV Ställa in permanent flöde

CS Nastavení pomalejšího toku

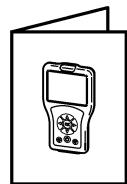
FI Tuotantokäytön säättäminen

RU Настройка непрерывного режима





**60 s**



**1 – 255 s**

## 10. Reinigungsabschaltung einstellen

EN Adjusting the cleaning switch-off

FR Régler l'arrêt du nettoyage

ES Ajuste de la desconexión de limpieza

IT Impostazione dello spegnimento per pulizia

NL Reinigingsuitschakeling instellen

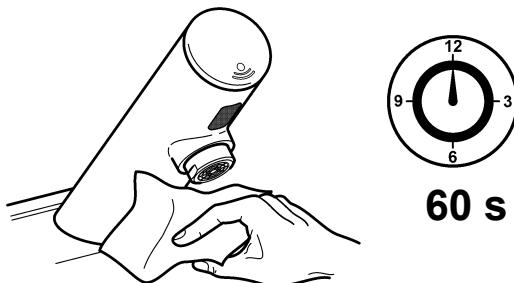
PL Ustawianie funkcji wyłączenia na czas czyszczenia

SV Ställa in rengöringsavstängning

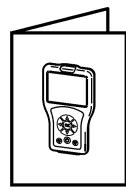
CS Nastavení vypnutí za účelem čištění

FI Puhdistuskatkaisun säättäminen

RU Настройка отключения для очистки



**60 s**



**1 – 255 s**

## 11. 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 Lämpötilarajoittimen säättäminen

ES Ajuste del tope de temperatura

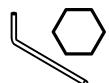
SV Ställa in temperaturstoppet

RU Настройка температурного упора

IT Impostazione del blocco temperatura

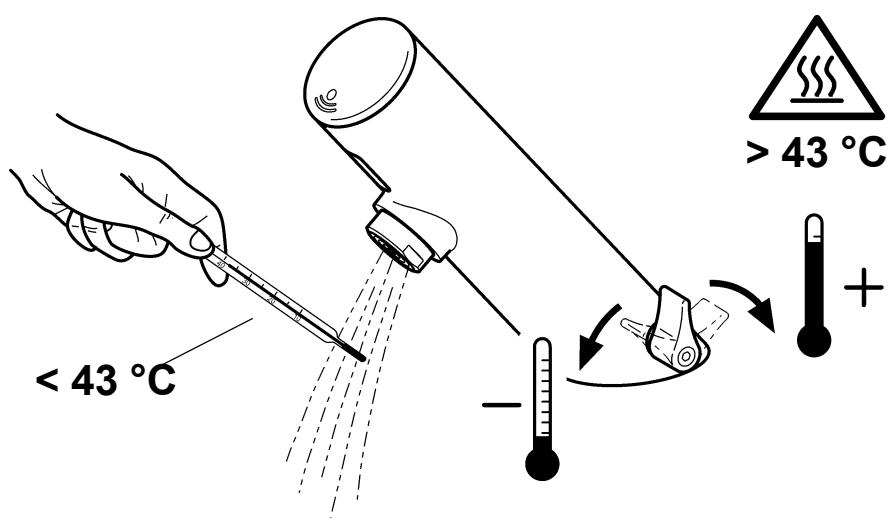


13 mm

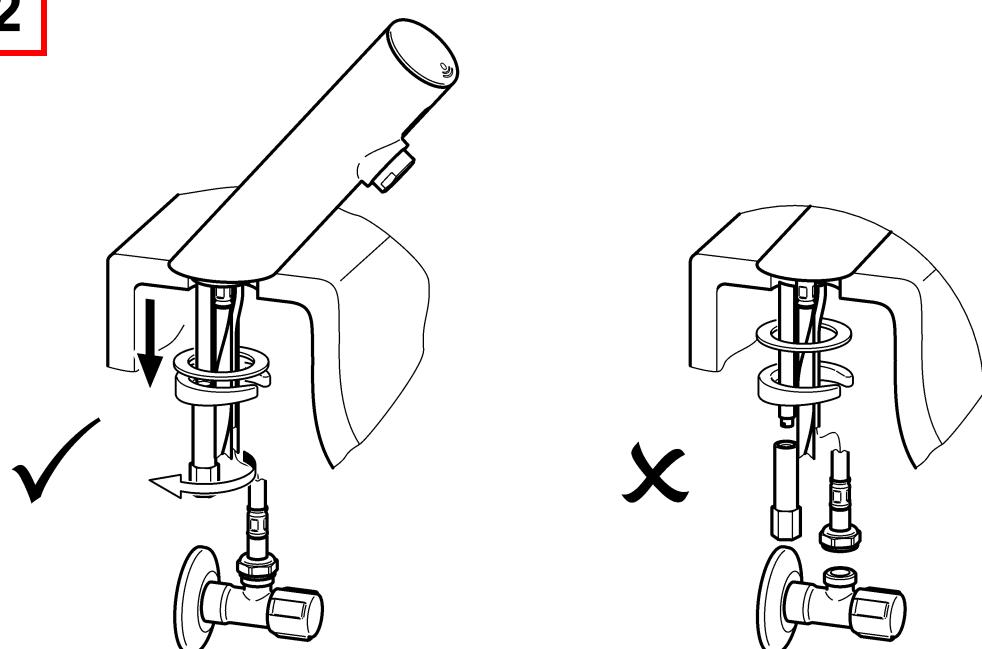


2 mm

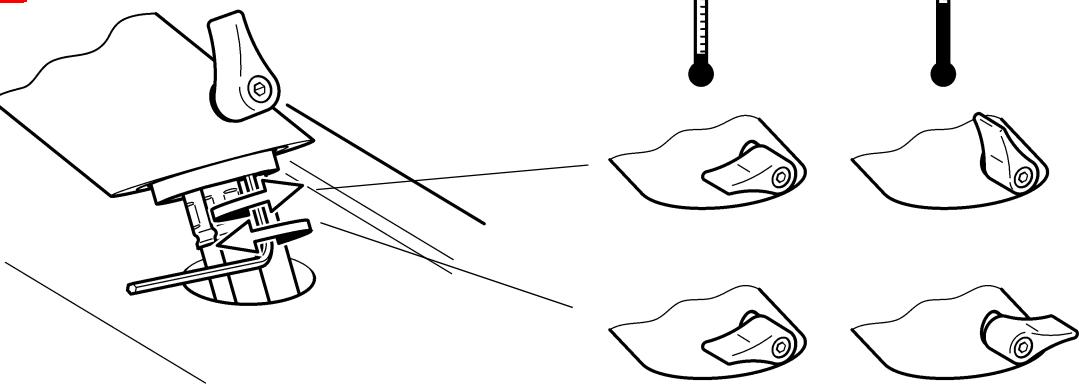
1



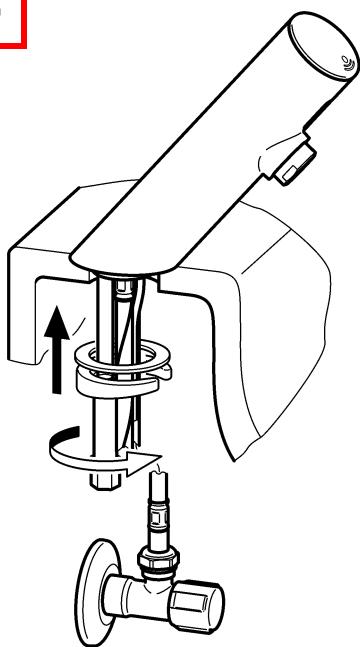
2



**3**



**4**



## 12. Wartung

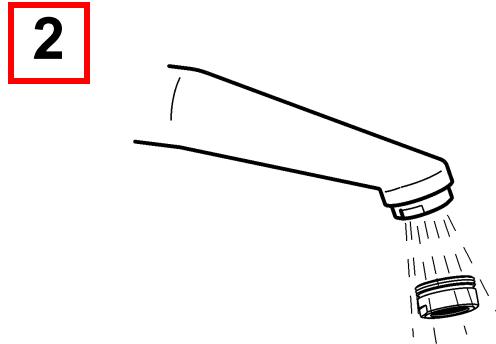
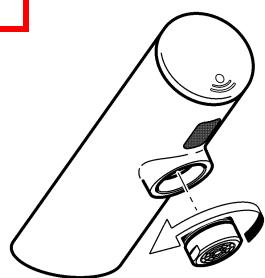
EN Maintenance  
FR Maintenance  
ES Mantenimiento  
IT Manutenzione

NL Onderhoud  
PL Konserwacja  
SV Underhåll

CS Varování  
FI Huolto  
RU Техническое обслуживание



22 mm



## 13. Sieb wechseln

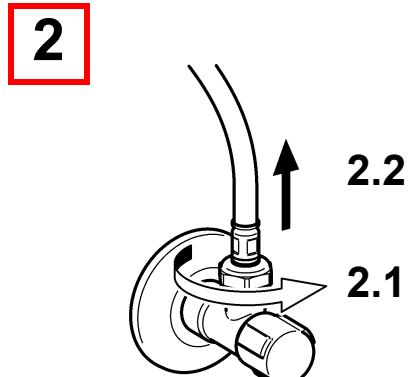
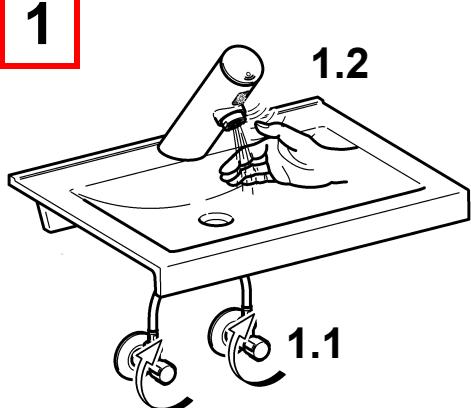
EN Replace the filters  
FR Remplacement les filtres  
ES Cambiar los tamices  
IT Sostituire i filtri

NL Zeven vervangen  
PL Wymiana sit  
SV Byt filter

CS Vyměňte síto  
FI Siivilän vaihto  
RU Сменить сеточки

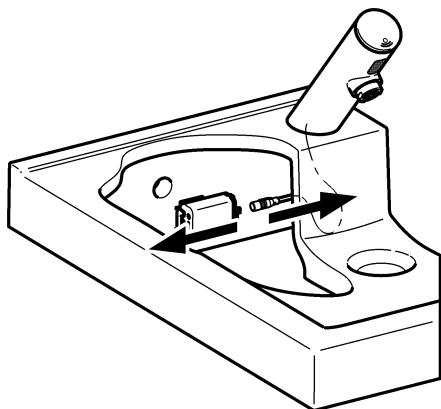


19 mm

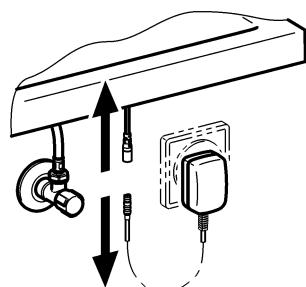


**3**

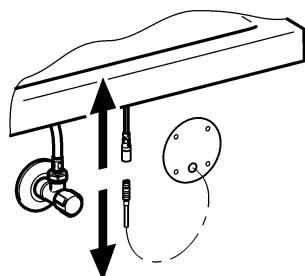
F3EM1001



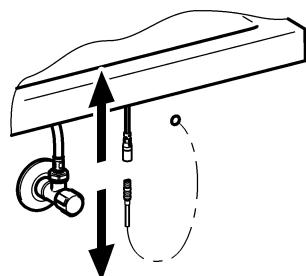
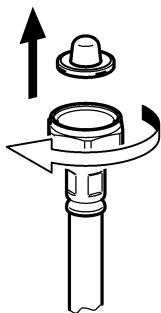
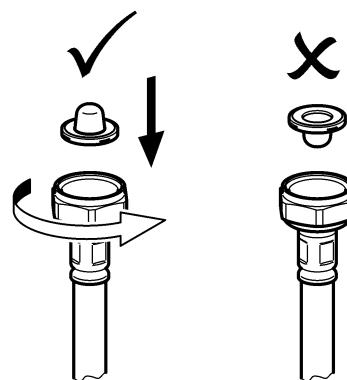
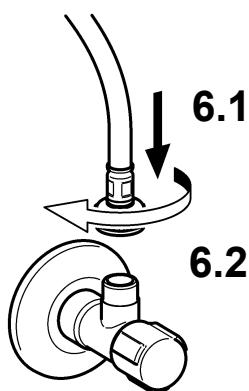
F3EM1002



F3EM1003

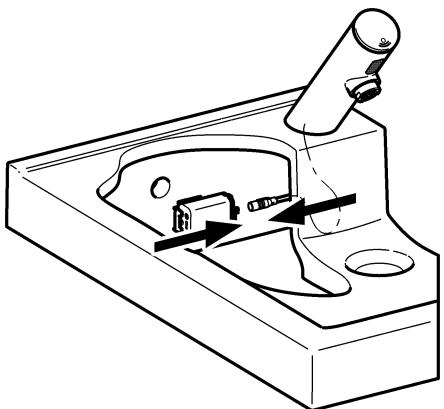


F3EM1005

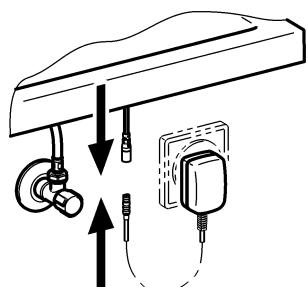
**4****5****6**

**7**

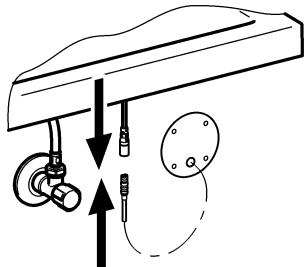
F3EM1001



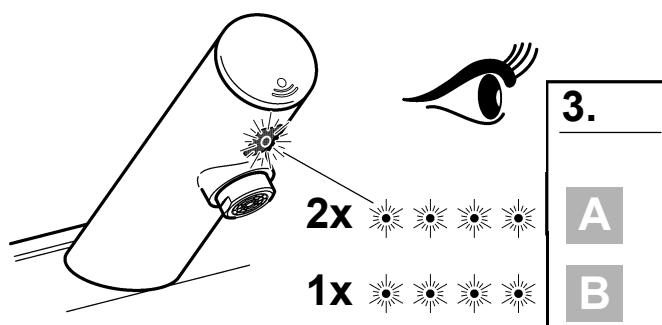
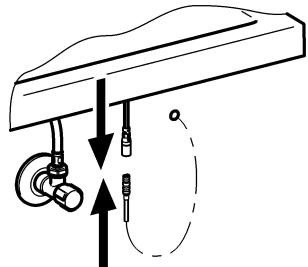
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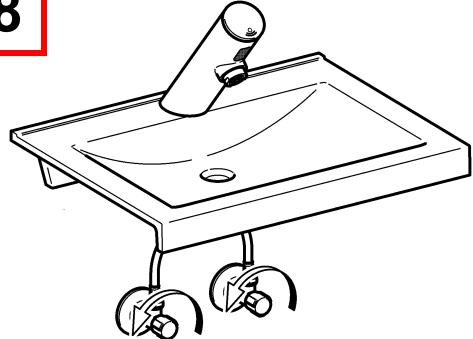
F3EM1003



F3EM1005



**8**



## 14. 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

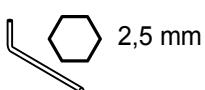
FI Magneettiventtiilipanoksen vaihtaminen

ES Cambiar cartucho de la válvula electromagnética

SV Byta magnetventilpatron

RU Замена картриджа электромагнитного клапана

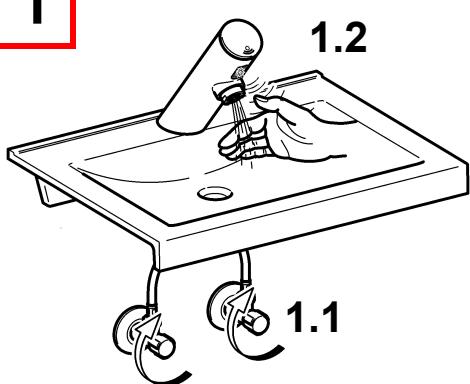
IT Sostituzione della cartuccia della valvola elettromagnetica



13 mm,  
19 mm,  
21 mm,  
22 mm

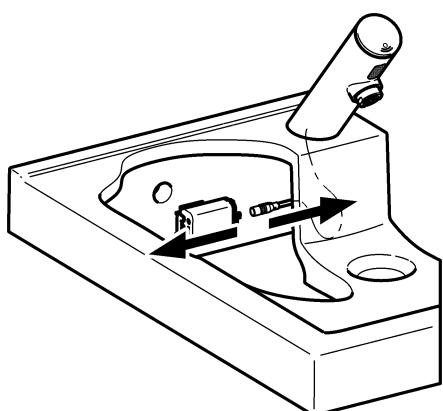
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1.2

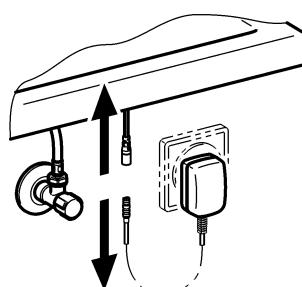


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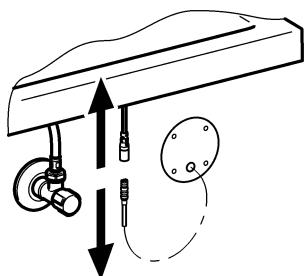
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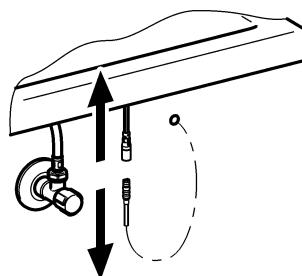
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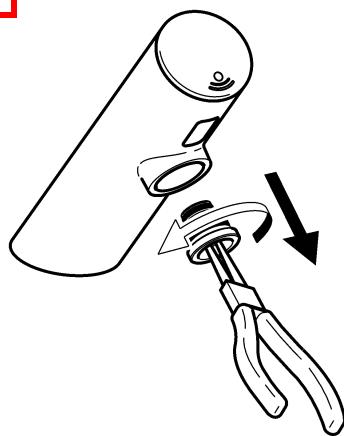
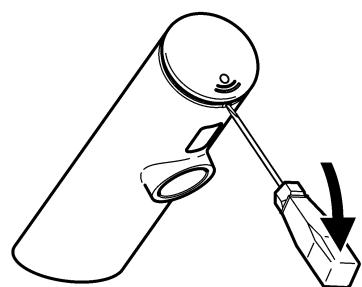
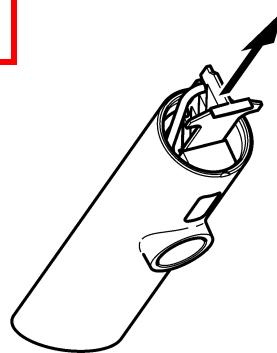
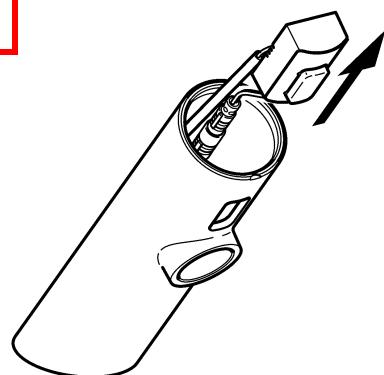
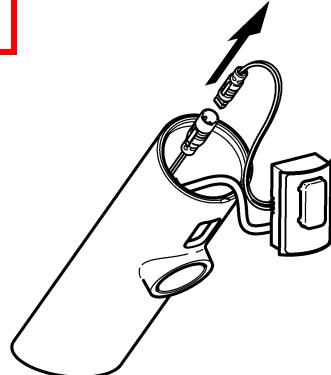
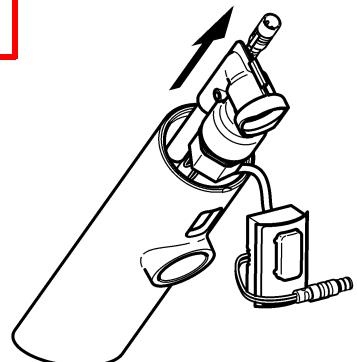
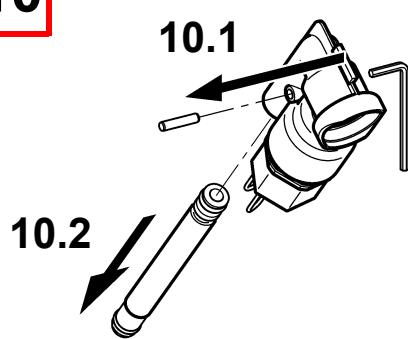


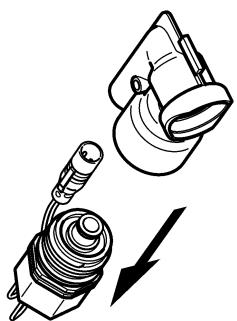
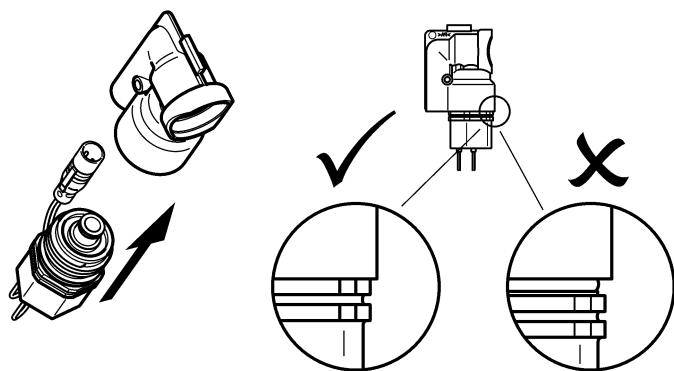
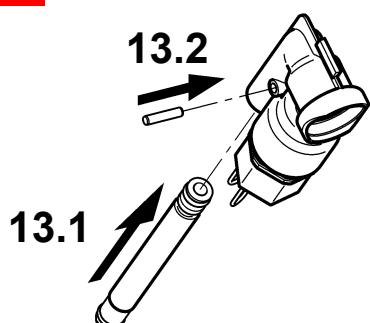
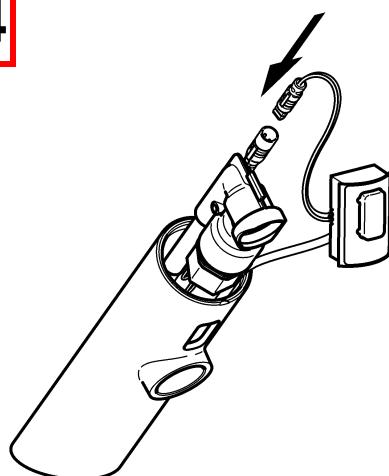
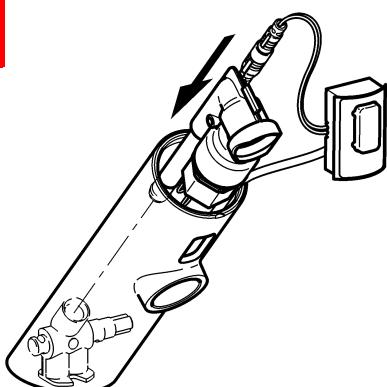
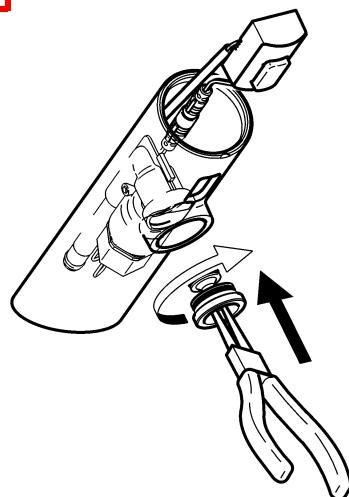
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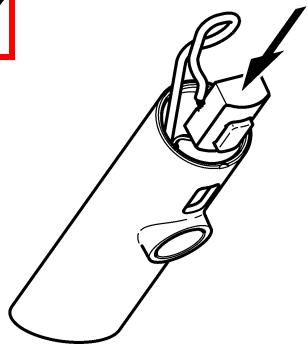
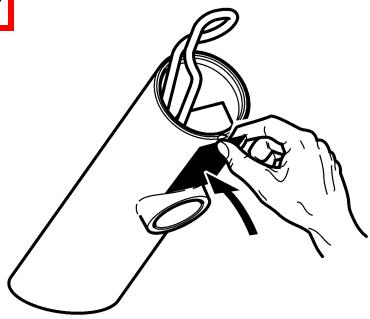
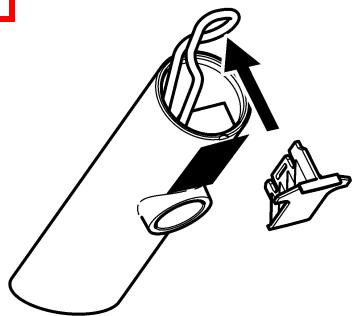
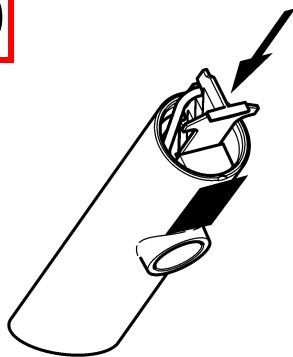
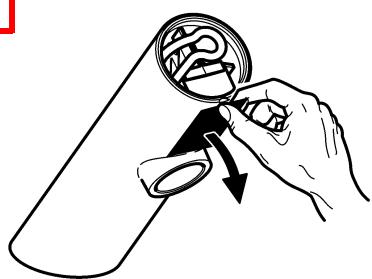
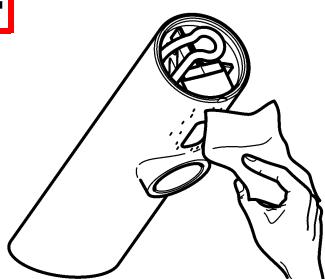
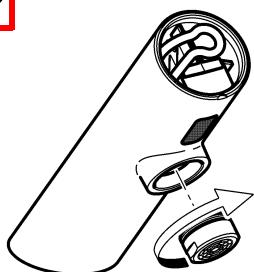


F3EM1005



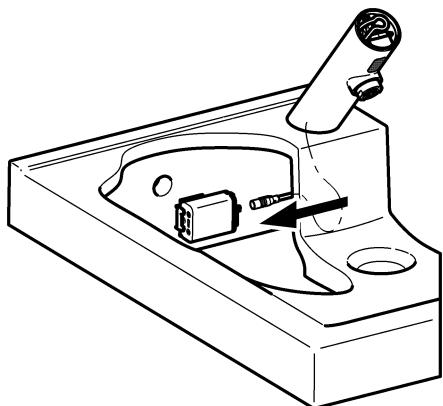
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**11****12****13****14****15****16**

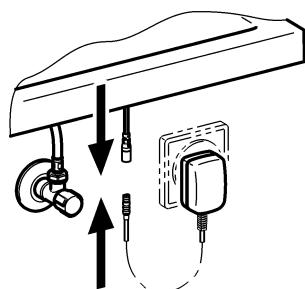
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**24**

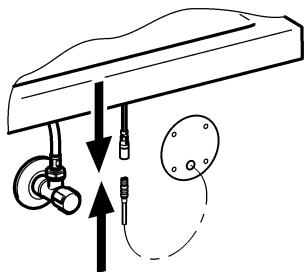
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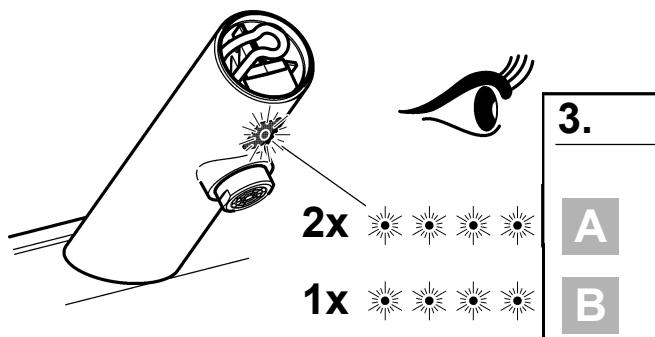
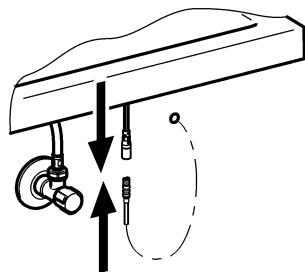
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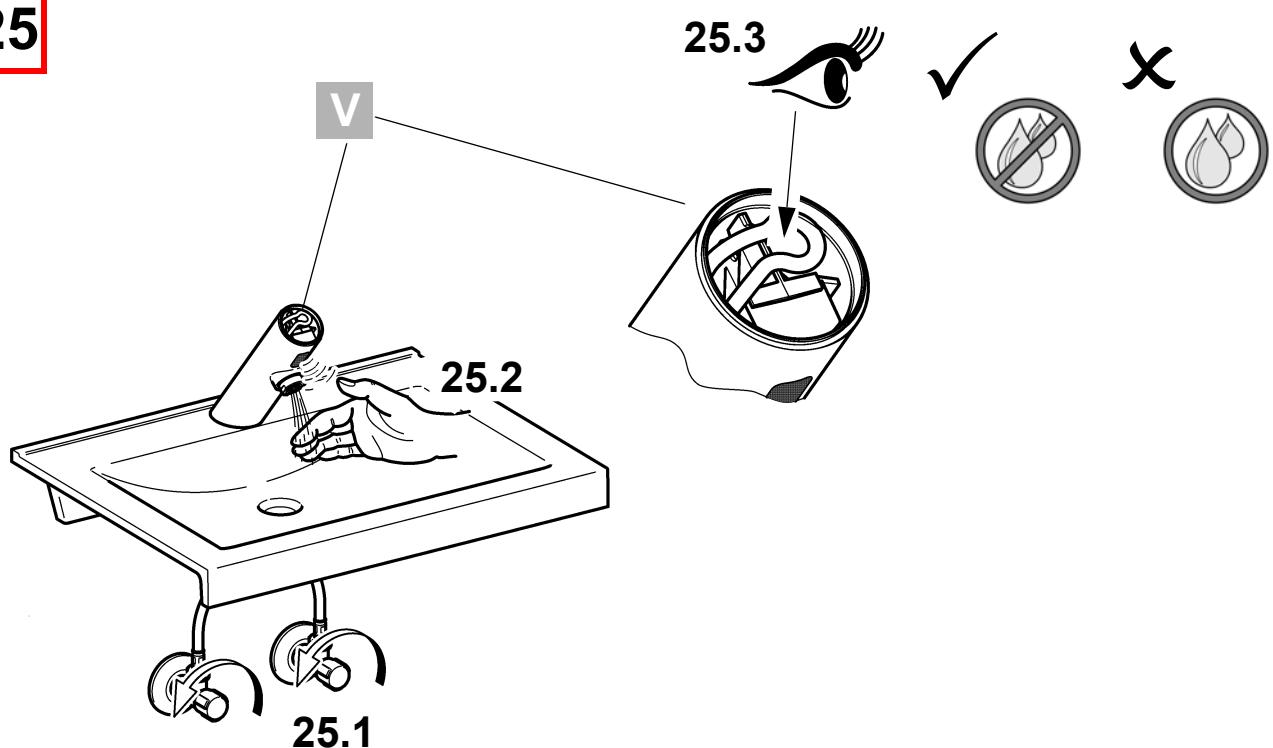
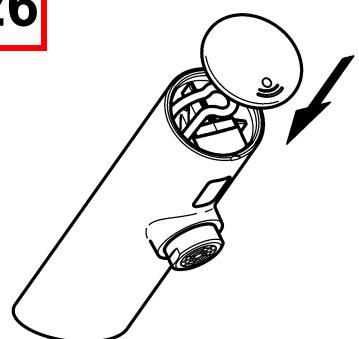


F3EM1003



F3EM1005



**25****26**

## 15. Batteriewchsel

EN Battery replacement

FR Remplacement des piles

ES Cambio de la pila

IT Cambio delle batterie

NL Batterijen vervangen

PL Wymiana baterii

SV Batteribyte

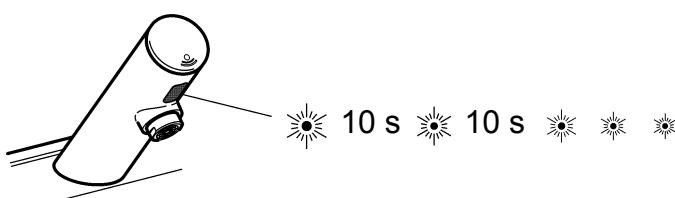
CS Výměna baterie

FI Paristonvaihto

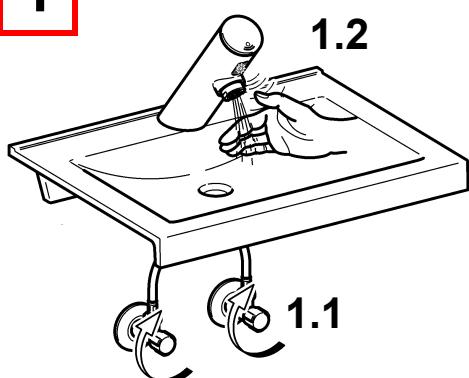
RU замена батареи



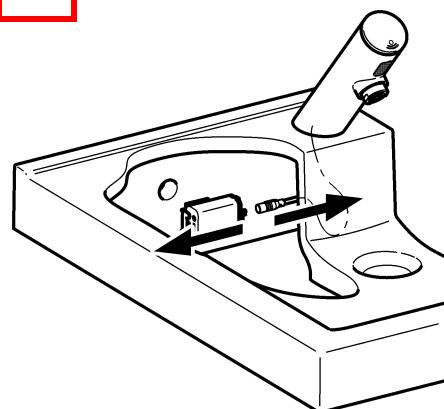
— 4 mm



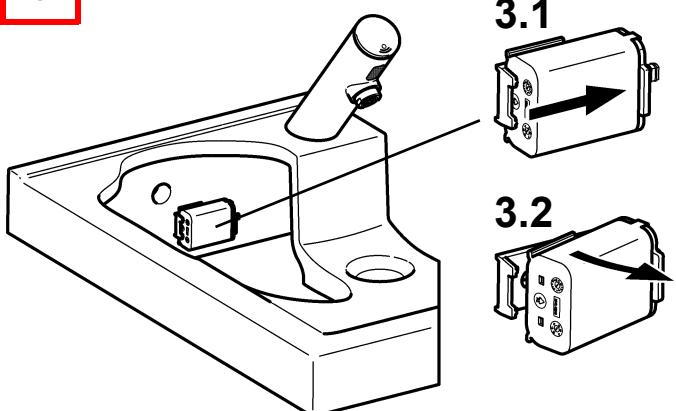
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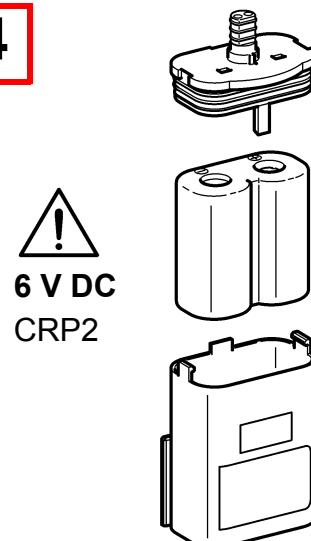
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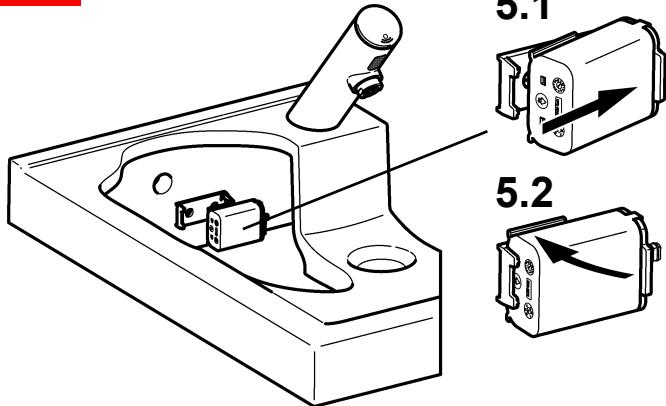
3



4



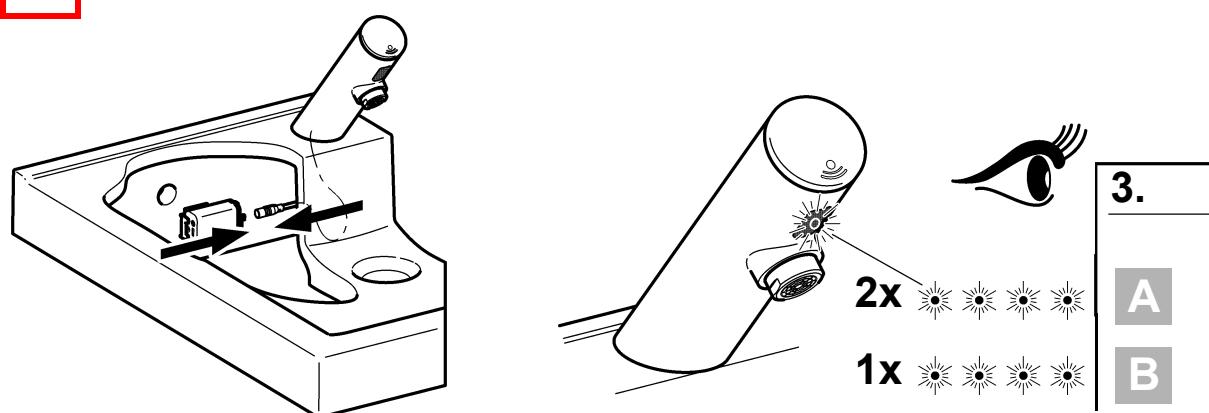
**5**



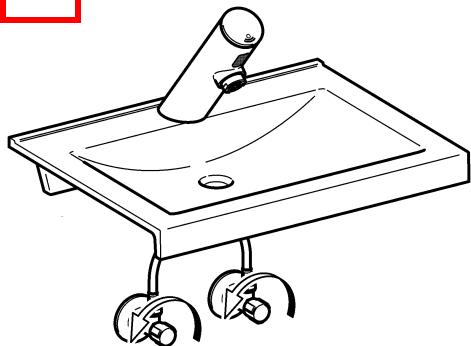
**5.1**

**5.2**

**6**



**7**

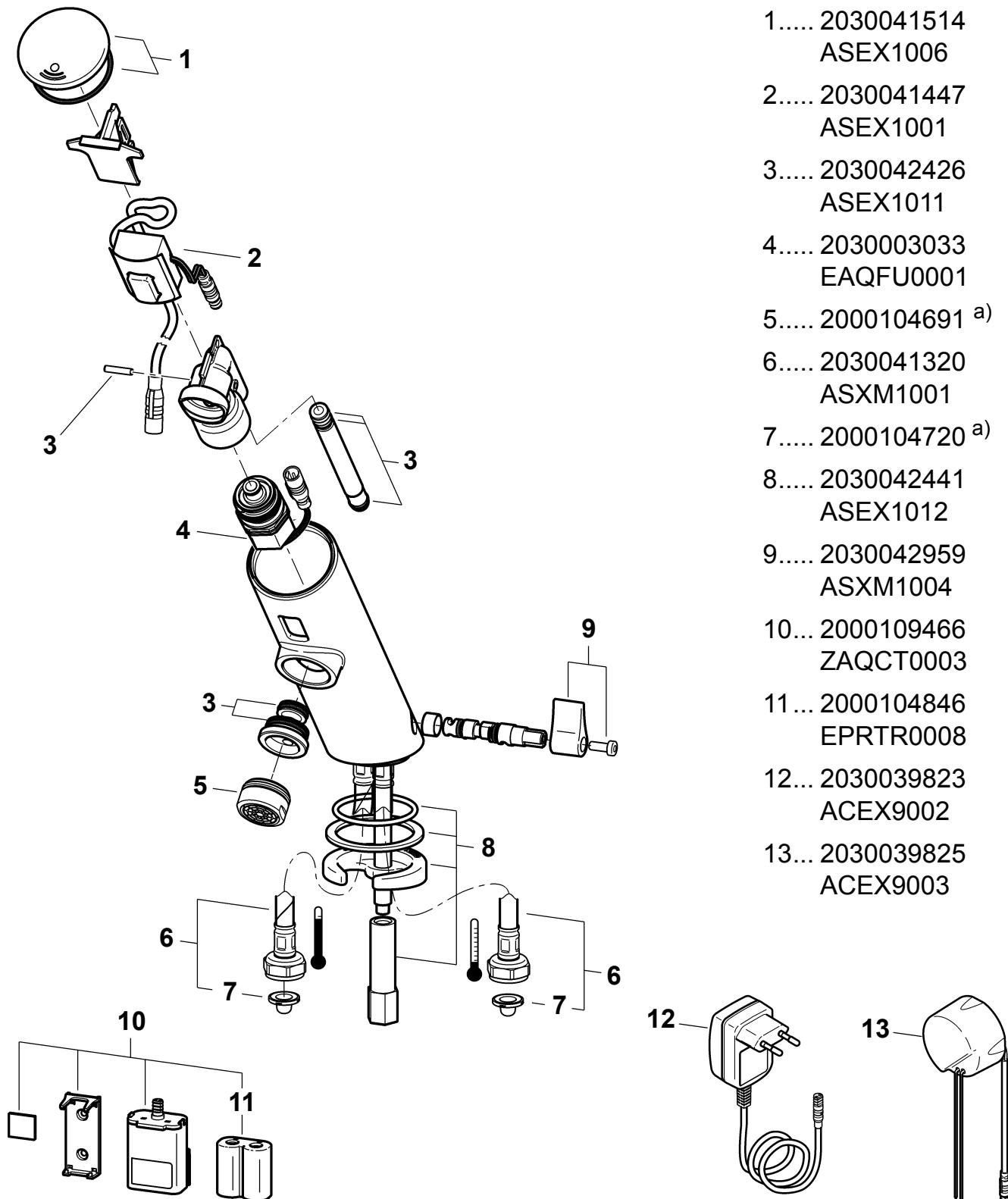


## 16. Ersatzteile

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



EN a) 10 pieces

DE a) 10 Stück

FR a) 10 pièces

ES a) 10 piezas

IT a) 10 pezzi

NL a) 10 stuk

PL a) 10 sztuk

SV a) 10 styck

CS a) 10 kusů

FI a) 10 kappaletta

RU a) 10 штук

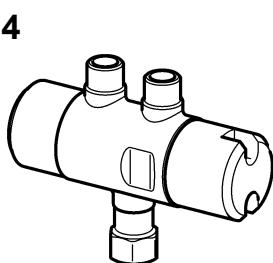
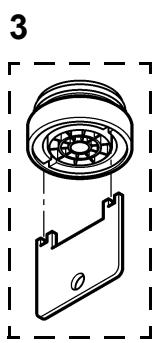
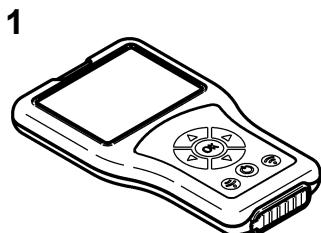
## 17. Zubehör

EN Accessories  
FR Accessoire  
ES Accesorios  
IT Accessori

NL Toebehoren  
PL Akcesoria  
SV Tillbehör

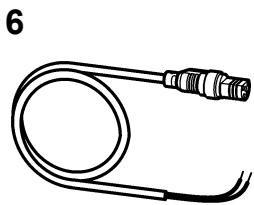
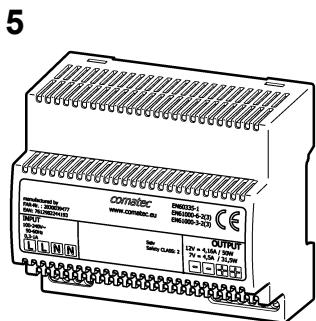
CS Príslušenství  
FI Varusteet  
RU принадлежности

### F3EM1001, F3EM1002, F3EM1003, F3EM1005



- 1.....2030036654  
ACEX9005  
2.....2030036849  
ACEX9004  
3.....**6 l/min:**  
2000101160  
ZAQUA087  
4.....2030012758  
PURE0031  
5.....2030039477  
ACEX9001  
6.....**3 m:**  
2030010982  
ZAQCT0005

### F3EM1005



## Notizen

EN Notes  
FR Notes  
ES Notas  
IT Annotazioni

NL Notities  
PL Uwagi  
SV Notiser

CS Poznámky  
FI Muistiinpanot  
RU Примечания

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Denmark | Estonia  
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