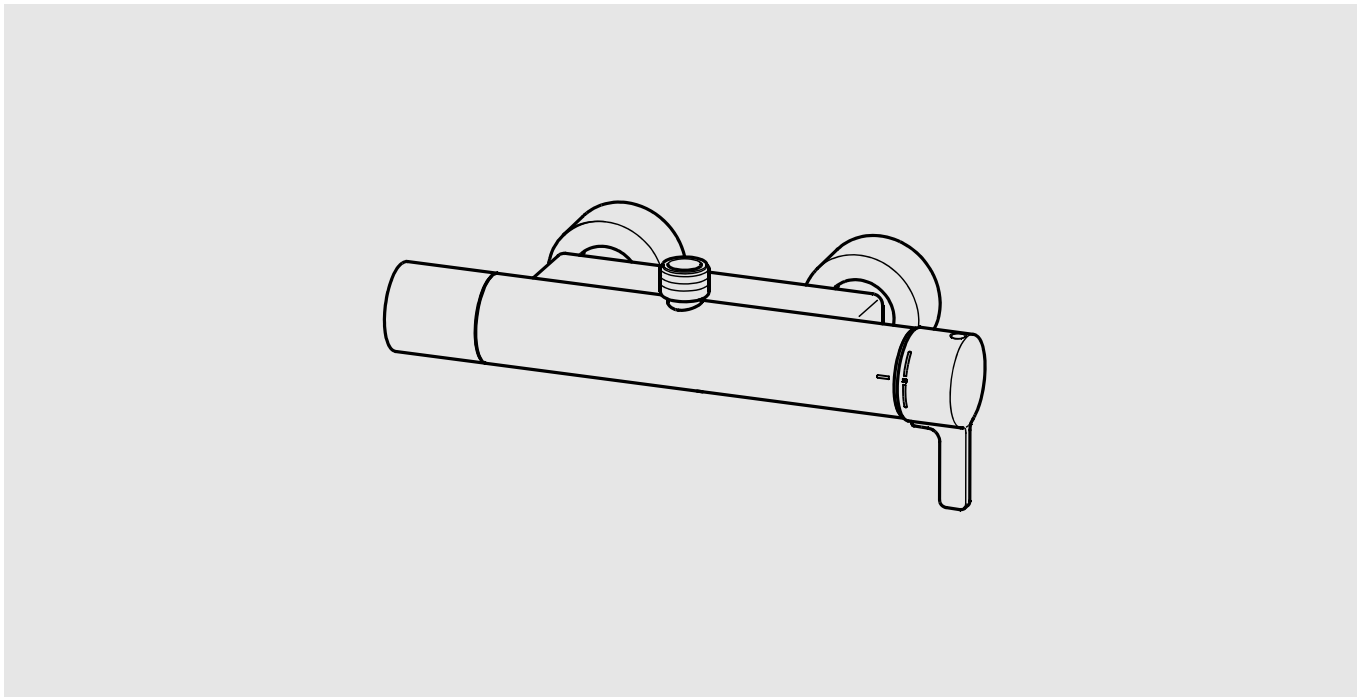
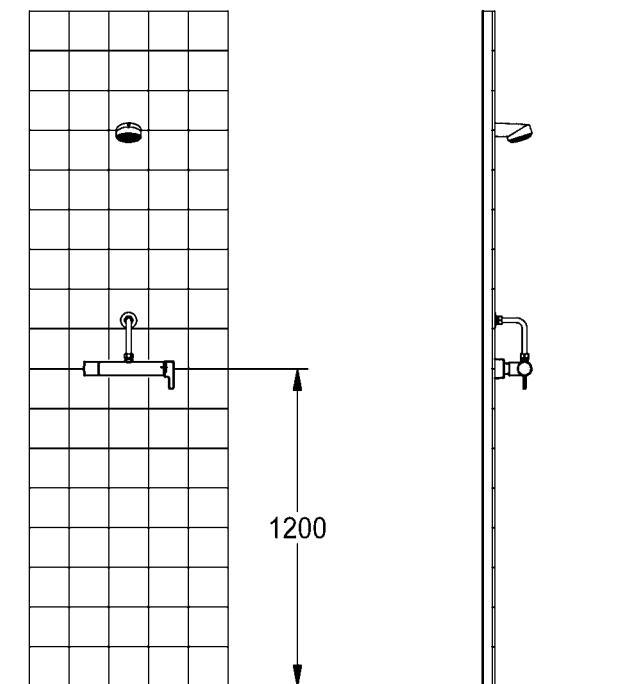
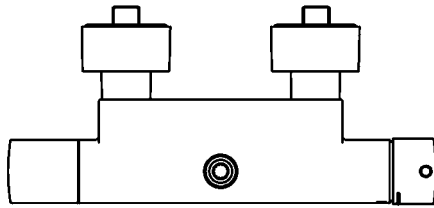
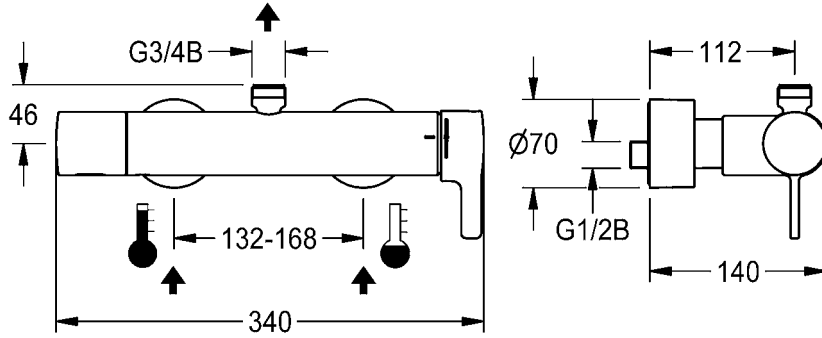
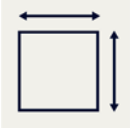
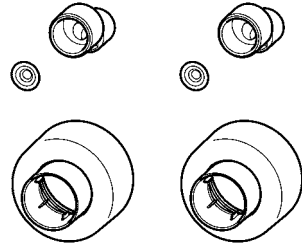
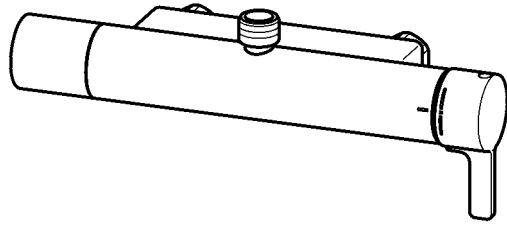


# F5



## F5LT2004 2030066498

DE	Montage- und Betriebsanleitung	Thermostat-Wandbatterie
EN	Installation and operating instructions	Thermostatic wall-mounted mixer
FR	Notice de montage et de mise en service	Mitigeur thermostatique mural
ES	Instrucciones de montaje y servicio	Grifo mural de termostato
IT	Istruzioni per il montaggio e l'uso	Miscelatore a parete con termostato
NL	Montage- en bedrijfsinstructies	Thermostaat-wandmengkraan
PL	Instrukcja montażu i obsługi	Bateria jednouchwytowa
SV	Monterings- och driftinstruktion	Termostatblandare som väggmonte
CS	Návod pro montáž a provoz	Termostatická nástěnná baterie
FI	Asennus- ja käyttöohje	Seinähana termostaatilla
RU	Инструкция по монтажу и вводу в эксплуатацию	Термостатический настенный смеситель



**EN**

## Installation and operating instructions

### Important notes

- ▶ Before installing flush piping system!
- ▶ Set the scald protection after assembly has been completed.
- ▶ 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 3 bar
- ▶ Volume flow at 3 bar flow pressure 15 l/min
- ▶ Bypass volumetric flow Thermal disinfection at 3 bar 3.7 l/min
- ▶ Thermostatic scald protection according to DIN EN 1111
- ▶ maximum cold water temperature 15 °C
- ▶ minimum hot water temperature 60 °C
- ▶ maximum operating temperature
  - continuous operation 70 °C
  - short-term (<10 min) 80 °C
- ▶ Voltage supply with lithium battery CRP2 6 V DC
- ▶ Power consumption 1,5 W
- ▶ Type of protection IP 59k

**DE**

## Montage- und Betriebsanleitung

### Wichtige Hinweise

- ▶ Vor Installation Rohrleitungen spülen!
- ▶ Nach erfolgter Montage den Verbrühungsschutz 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 3 bar
- ▶ Volumenstrom bei 3 bar Fließdruck 15 l/min
- ▶ Volumenstrom Bypass Thermische Desinfektion bei 3 bar 3,7 l/min
- ▶ Thermostatischer Verbrühungsschutz laut DIN EN 1111
- ▶ maximale Kaltwassertemperatur 15 °C
- ▶ minimale Warmwassertemperatur 60 °C
- ▶ maximale Betriebstemperatur
  - Dauerbetrieb 70 °C
  - Kurzzeit (<10 min) 80 °C
- ▶ Spannungsversorgung Lithium Batterie CRP2 6 V DC
- ▶ Leistungsaufnahme 1,5 W
- ▶ Schutzart IP 59k

**Ważne wskazówki**

- ▶ Przed instalacją przepłukać rury!
- ▶ Po przeprowadzeniu montażu ustawić zabezpieczenie przed poparzeniem!
- ▶ 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 3 barów
- ▶ Objętościowe natężenie przepływu przy ciśnieniu 3 barów 15 l/min
- ▶ Przepływ obejściowy Dezynfekcja termiczna przy 3 barach 3,7 l/min
- ▶ Termostatyczne zabezpieczenie przed poparzeniem zgodnie z DIN EN 1111
- ▶ maksymalna temperatura wody zimnej 15°C
- ▶ minimalna temperatura wody ciepłej 60°C
- ▶ Maksymalna temperatura eksploatacji
  - Praca stała 70 °C
  - Czas krótki (<10 min) 80 °C
- ▶ Zasilanie elektryczne baterią litową CRP2 6 V DC
- ▶ Pobór mocy 1,5 W
- ▶ Rodzaj ochrony IP 59k

**Viktiga informationer**

- ▶ Spola igenom rörledningarna före installation!
- ▶ Ställ in skållningsskyddet 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 3 bar
- ▶ Volymström vid 3 bar hydrauliskt tryck 15 l/min
- ▶ Volymflöde bypass termisk desinfektion vid 3 bar är 3,7 l/min
- ▶ Termostatstyrt skållningsskydd enligt DIN EN 1111
- ▶ Max. kallvattentemperatur 15 °C
- ▶ Min. varmvattentemperatur 60 °C
- ▶ Maximal driftstemperatur
  - Kontinuerlig drift 70 °C
  - Kort tid (< 10 min) 80 °C
- ▶ 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 le dispositif de protection contre les brûlures 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 3 bars
- ▶ Débit volumique pour 3 bars de pression dynamique 15 l/min
- ▶ Débit volumique de la dérivation de désinfection thermique à 3 bar 3,7 l/min
- ▶ Protection thermostatique contre les échaudures selon DIN EN 1111.
- ▶ Température maximale de l'eau froide : 15 °C
- ▶ Température minimale de l'eau chaude : 60 °C
- ▶ Température de fonctionnement maximale
  - Fonctionnement continu 70 °C
  - Courte période (< 10 min) 80 °C
- ▶ Alimentation en tension avec pile au lithium CRP2 6 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 úspěšné montáži nastavte ochranu proti opaření!
- ▶ 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 3 bar
- ▶ Průtok při průtočném tlaku 3 bar 15 l/min
- ▶ Objemový průtok – bypass Tepelná dezinfekce při 3 bar 3,7 l/min
- ▶ Termostatická ochrana proti opaření podle normy DIN EN 1111
- ▶ Maximální teplota studené vody 15 °C
- ▶ Minimální teplota teplé vody 60 °C
- ▶ Maximální provozní teplota
  - Doba provozu 70 °C
  - Krátký čas (< 10 min.) 80 °C
- ▶ Napájení lithiovou baterií CRP2 6 V DC
- ▶ Příkon 1,5 W
- ▶ Krytí IP 59k

**ES**

## Instrucciones de montaje y servicio

### Indicaciones importantes

- ▶ ¡Enjuagar las tuberías antes de instalar!
- ▶ Tras finalizar el montaje, ajustar la protección contra escaldaduras.
- ▶ ¡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 3 bares
- ▶ Flujo volumétrico con 3 bares de presión de flujo 15 l/min
- ▶ Caudal de derivación de desinfección térmica a 3 bar 3,7 l/min
- ▶ Protección termostática frente a escaldaduras según DIN EN 1111.
- ▶ Temperatura máxima del agua fría 15 °C
- ▶ Temperatura mínima del agua caliente 60 °C
- ▶ Temperatura de servicio máxima
  - Funcionamiento continuo 70 °C
  - Tiempo breve (< 10 min) 80 °C
- ▶ Alimentación de corriente con batería de litio CRP2 6 V DC
- ▶ Consumo de potencia 1,5 W
- ▶ Modo de protección IP 59k

**FI**

## Asennus- ja käyttöohje

### Tärkeitä ohjeita

- ▶ Huuhtelee putkijohdot ennen asennusta!
- ▶ Kun asennus on tehty, säädä palovammasuoja!
- ▶ 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 3 bar
- ▶ Tilavuusvirta 3 barin virtauspaineella 15 l/min
- ▶ Tilavuusvirran ohituksen terminen desinfiointi 3 baarissa 3,7 l/min
- ▶ Termostaattinen kuumavesisuoja DIN EN 1111 mukaan
- ▶ kylmän veden enimmäislämpötila 15 °C
- ▶ lämpimän veden vähimmäislämpötila 60 °C
- ▶ Maksimaalinen käyttölämpötila
  - Jatkuva käyttö 70 °C
  - Lyhyt aika (<10 min) 80 °C
- ▶ 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 la protezione dalle scottature!
- ▶ 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 3 bar
- ▶ Portata volumetrica a 3 bar di pressione idraulica 15 l/min
- ▶ Portata in volume bypass disinfezione termica a 3 bar 3,7 l/min
- ▶ Protezione antiscottatura termostatica secondo DIN EN 1111.
- ▶ Temperatura massima dell'acqua fredda 15 °C
- ▶ Temperatura minima dell'acqua calda 60 °C
- ▶ Temperatura massima di esercizio
  - Funzionamento continuo 70 °C
  - Brevemente (<10 min) 80 °C
- ▶ Alimentazione di tensione con batteria al litio CRP 2 di 6 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 трубки!
- ▶ После произведенного монтажа настроить защиту от ожогов!
- ▶ 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 3 бар
- ▶ Объемный расход при гидравлическом напоре 3 бар 15 л/мин
- ▶ Объемный расход для байпаса при термической дезинфекции: при 3 бар – 3,7 л/мин
- ▶ Термостатическая система защиты от ожога горячим паром/жидкостью согласно стандарту DIN EN 1111.
- ▶ Максимальная температура холодной воды 15 °C
- ▶ Минимальная температура горячей воды 60 °C
- ▶ Максимальная рабочая температура
  - Непрерывный режим работы 70 °C
  - короткое время (<10 мин) 80 °C
- ▶ Источник питания - литиевая батарея CRP 2 6 В постоянного тока
- ▶ Потребляемая мощность 1,5 Вт
- ▶ Вид защиты IP 59k

**Belangrijke aanwijzingen**

- ▶ Voor installatie buisleidingen spoelen!
- ▶ Na de montage de beveiliging tegen verbranding door te heet water 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 3 bar
- ▶ Volumestroom bij 3 bar dynamische druk 15 l/min
- ▶ Volumestroom bypass thermische desinfectie bij 3 bar 3,7 l/min
- ▶ Thermostatische beveiliging tegen verbranding volgens DIN EN 1111.
- ▶ maximale koudwatertemperatuur 15 °C
- ▶ minimale warmwatertemperatuur 60 °C
- ▶ Maximale bedrijfstemperatuur
  - Continubedrijf 70 °C
  - Kortstondig (<10 min) 80 °C
- ▶ Spanningsvoorziening d.m.v. lithiumbatterij CRP2 6 V DC
- ▶ Opgenomen vermogen 1,5 W
- ▶ Veiligheidsgraad IP 59k



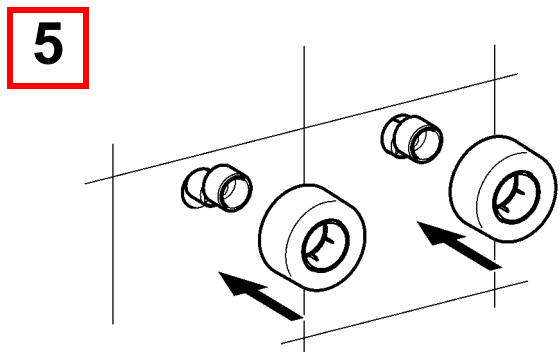
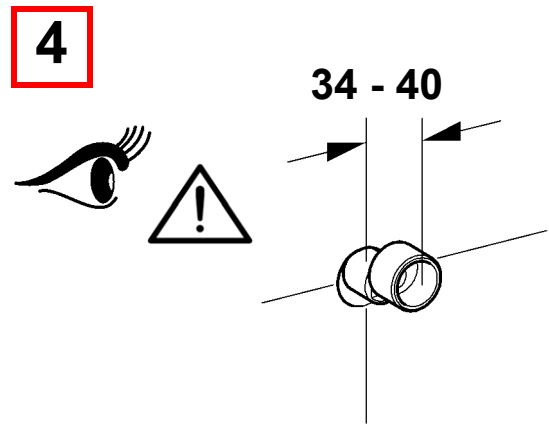
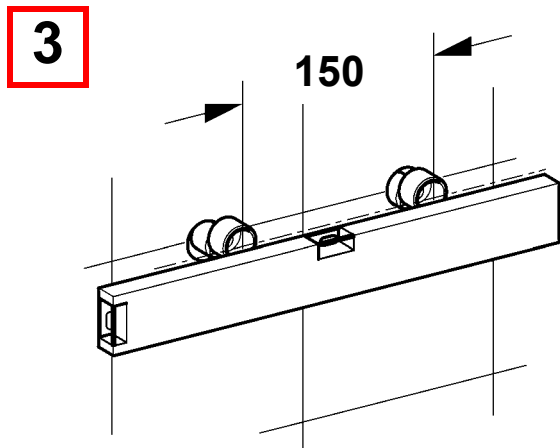
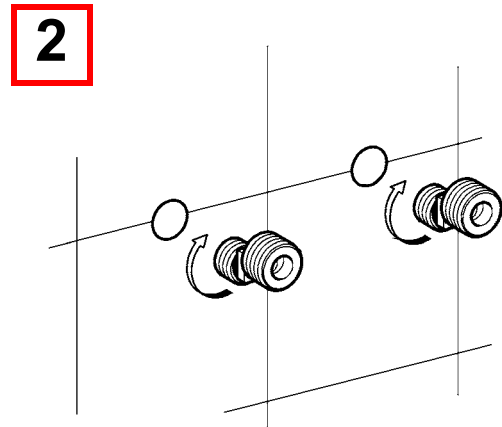
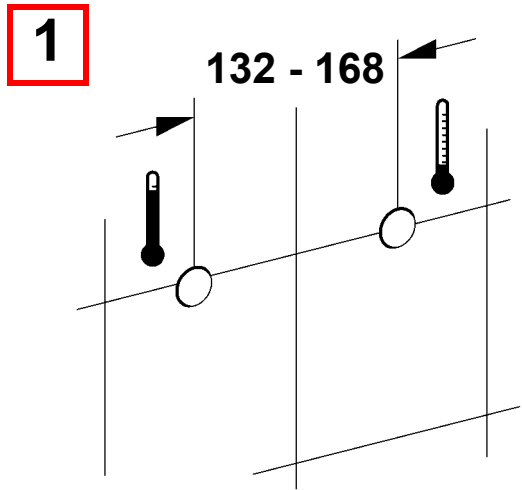
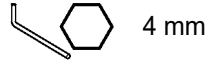


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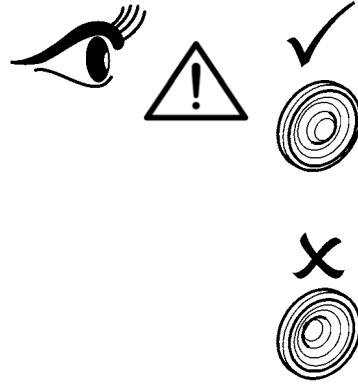
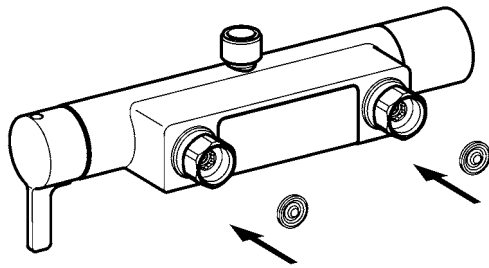
EN Installation  
FR Montage  
ES Montaje  
IT Montaggio

NL Montage  
PL Montaż  
SV Montering

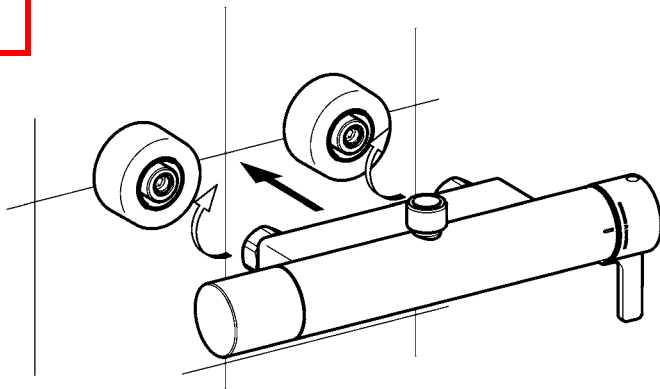
CS Montáž  
FI Asennus  
RU Монтаж



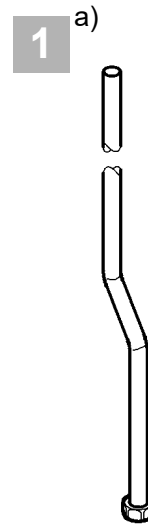
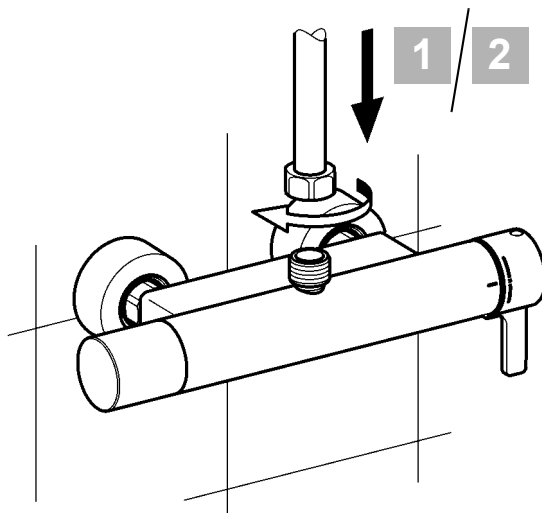
**6**



**7**



**8**



**EN** a) Not included in scope of delivery

**DE** a) nicht Lieferumfang

**PL** a) poza zakresem dostawy

**SV** a) ngår ej i leveransen

**FR** a) non compris dans la livraison

**CS** a) Není součástí dodávky

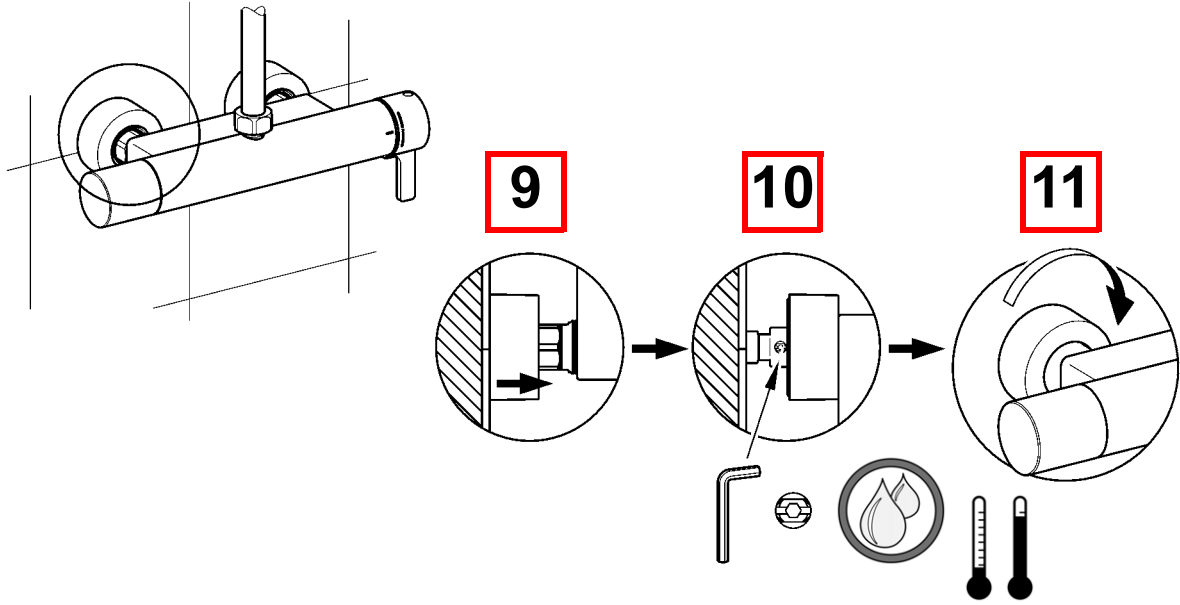
**ES** a) no forma parte del volumen de suministro

**FI** a) ei kuulu toimitukseen

**IT** a) Non compreso nella fornitura

**RU** a) Не входит в объём поставки

**NL** a) niet bij levering inbegrepen



12



6.



> 43 °C

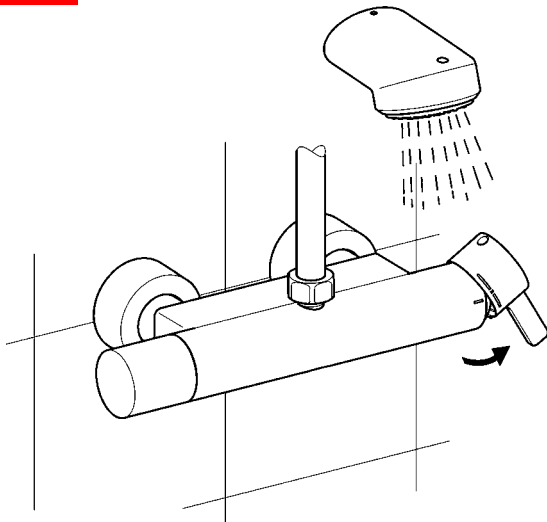
## 2. Funktion

EN Function  
FR Fonctionnement  
ES Función  
IT Funzionamento

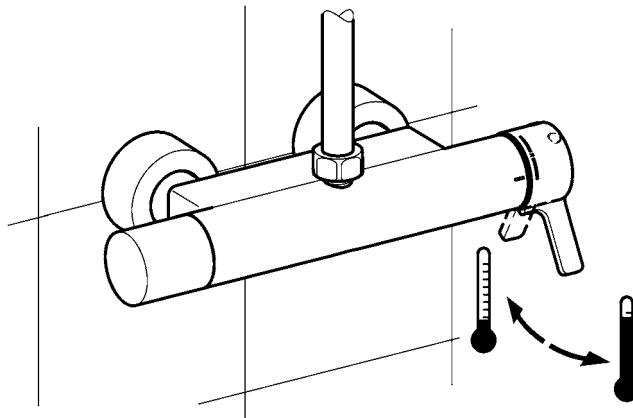
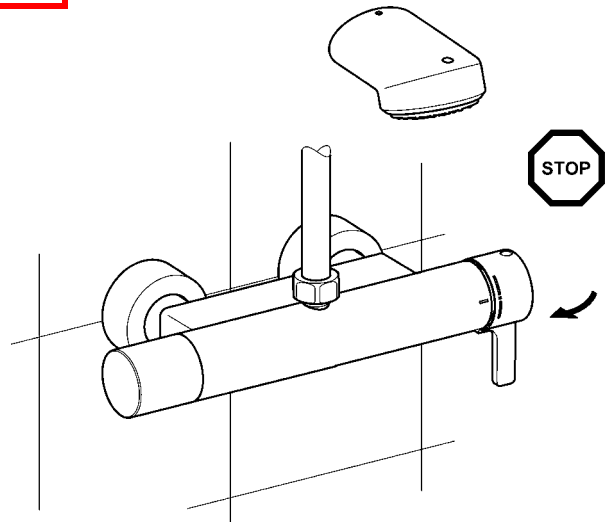
NL Werking  
PL Funkcja  
SV Funktion

CS Funkce  
FI Toiminto  
RU Функционирование

1



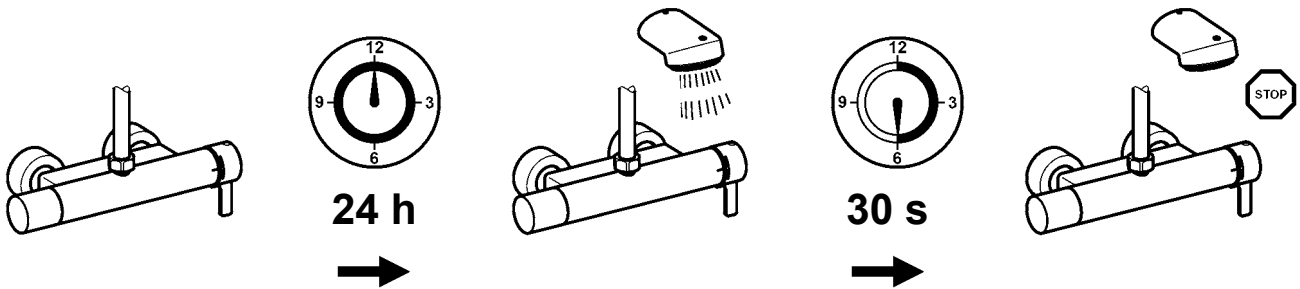
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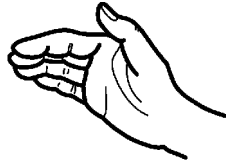
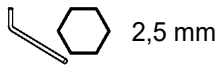


### 3. Hygienspülung ein- / ausschalten

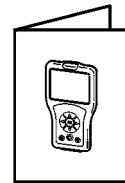
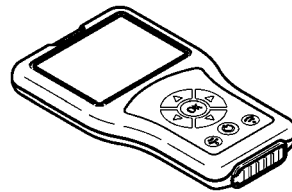
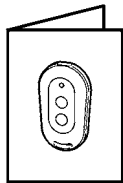
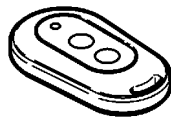
EN Switching hygiene flushing on/off	NL Hygiënische spoeling in-/uitschakelen	CS Zapněte/vypněte hygienické propláchnutí
FR Activer/désactiver le rinçage hygiénique	PL Włączyć/wyłączyć splukiwanie higieniczne	FI Hygieniahuuhdelun päälle-/ pois päältä kytkeminen
ES Activar/Desactivar el aclarado higiénico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

- EN**
- ▶ Ensure open outlet.
  - ▶ After 24 h, water flows 30 s
- DE**
- ▶ Freien Auslauf gewährleisten.
  - ▶ Nach 24 h fließt 30 s Wasser.
- FR**
- ▶ Garantir un écoulement libre.
  - ▶ L'eau s'écoule pendant 30 s. après 24 h.
- ES**
- ▶ Garantizar una salida libre.
  - ▶ Después de 24 horas, fluye agua durante 30 segundos.
- IT**
- ▶ Garantire l'erogazione libera.
  - ▶ Dopo 24h scorre acqua per 30 s.
- NL**
- ▶ Vrije uitloop garanderen.
  - ▶ Na 24 uur stroomt er gedurende 30 s. water.
- PL**
- ▶ Zapewnić swobodny wylot.
  - ▶ Po 24 godz., 30 s. wypływa woda.
- SV**
- ▶ Garantera fritt avlopp.
  - ▶ Vatten flyter 30 s efter 24 timmars användningspaus.
- CS**
- ▶ Zajistěte volný odtok.
  - ▶ Po 24 hodinách proudění vody o 30 s.
- FI**
- ▶ Vapaan virtauksen takaaminen.
  - ▶ 24 h jälkeen virtaa vettä 30 s.
- RU**
- ▶ Обеспечить беспрепятственный слив
  - ▶ После 24 ч, в течение 30 сек течёт вода.

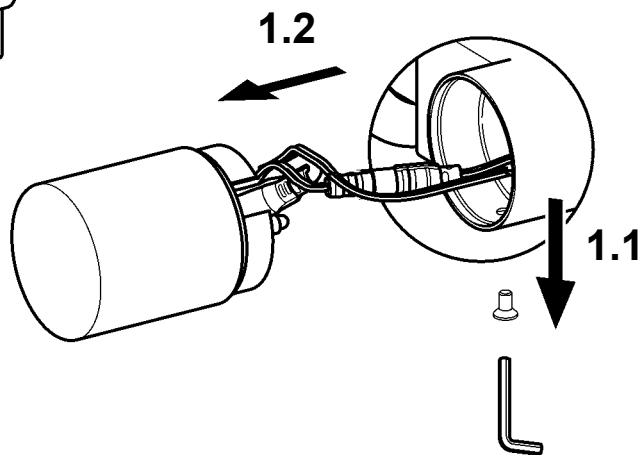
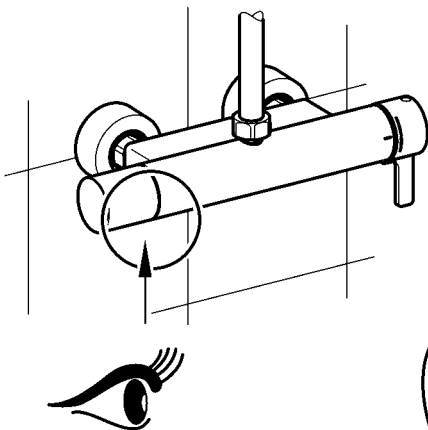




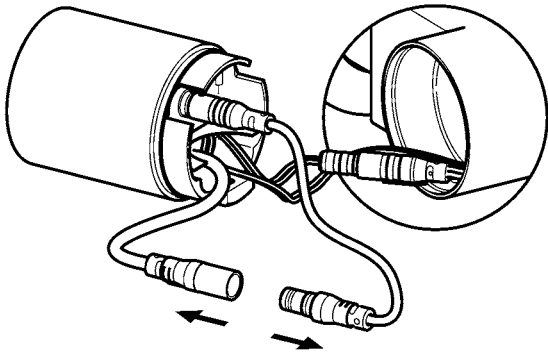
1 - 6



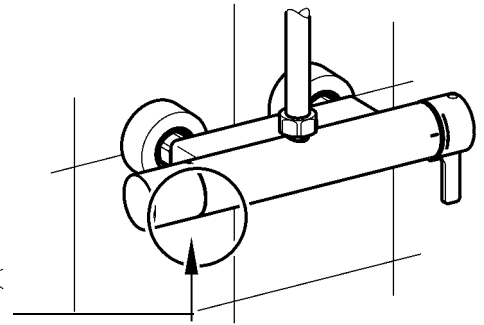
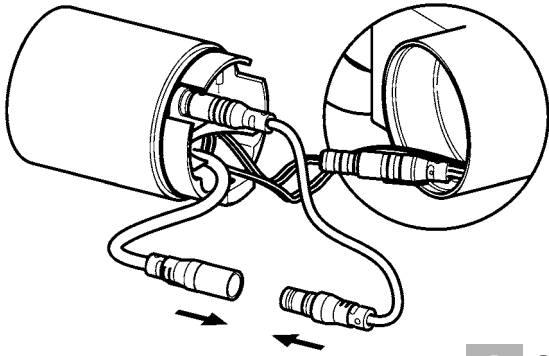
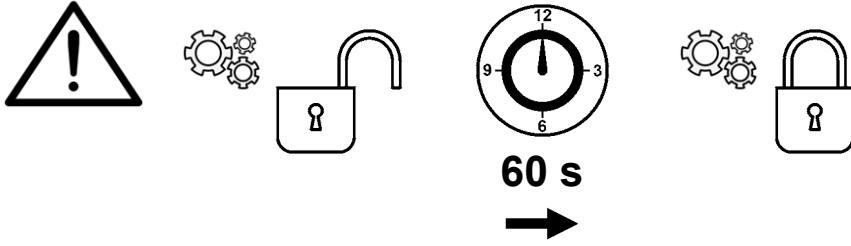
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**2**



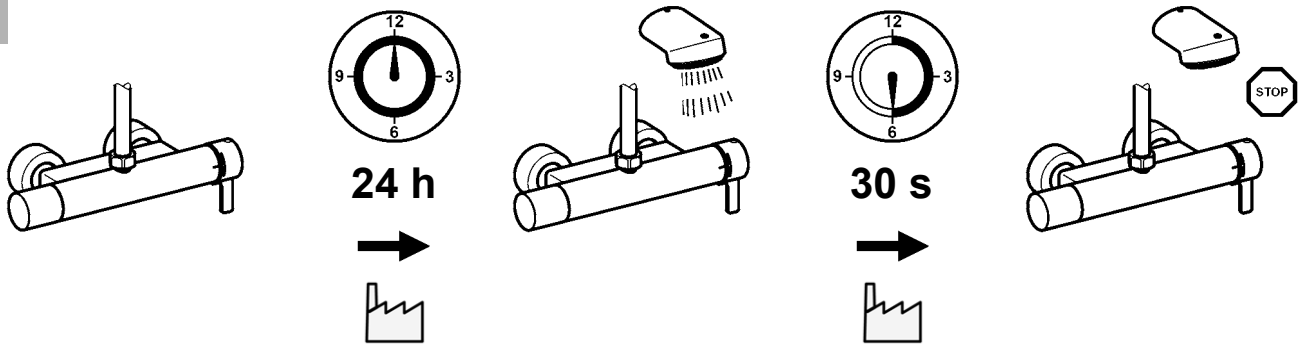
**3**



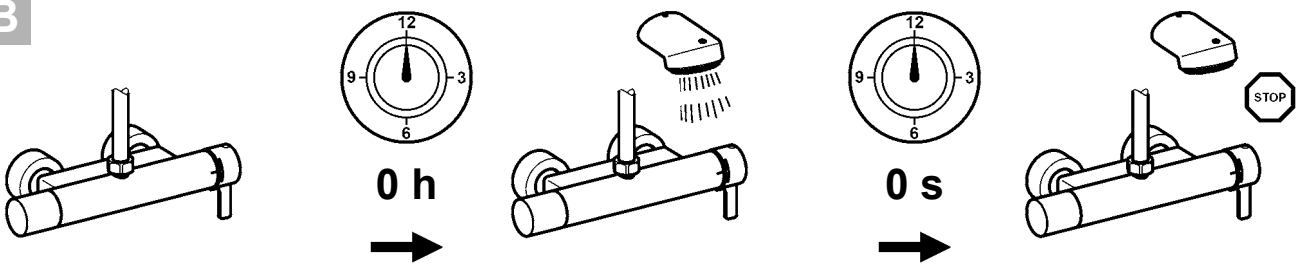
**A** 2x

**B** 1x

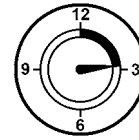
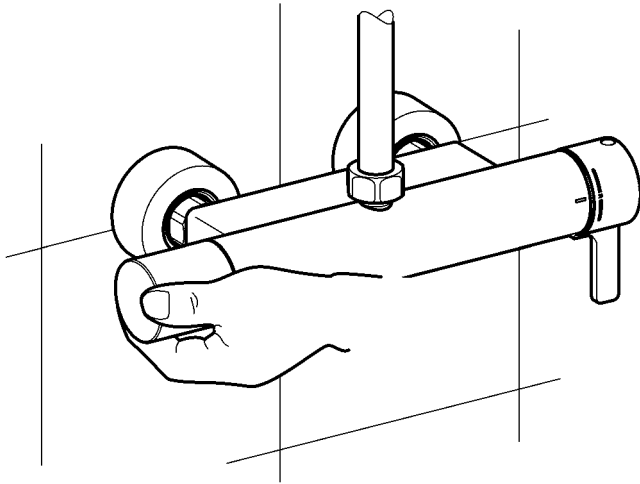
**A**



**B**

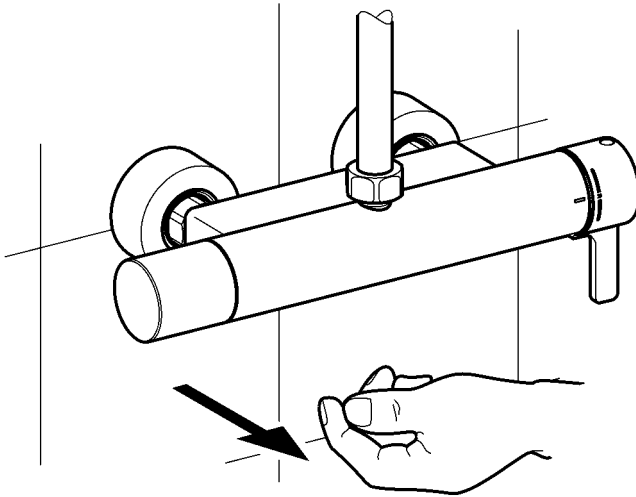


**4**

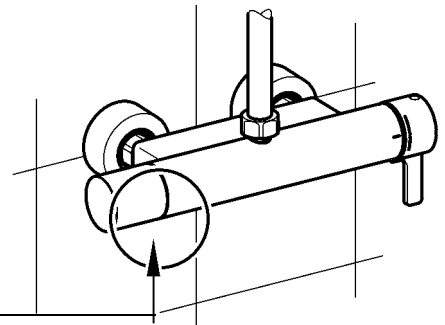


**>12 s**

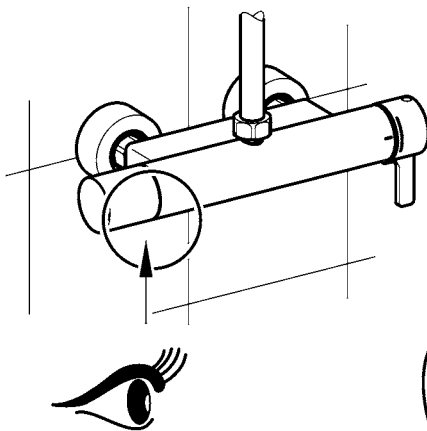
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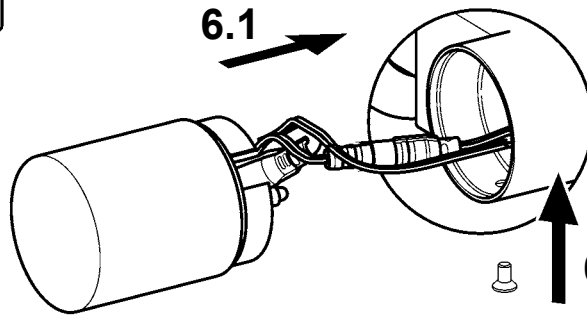
**1x** 



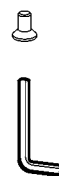
**6**



**6.1**



**6.2**



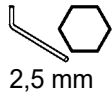
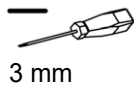


## 4. Thermische Desinfektion - manuell

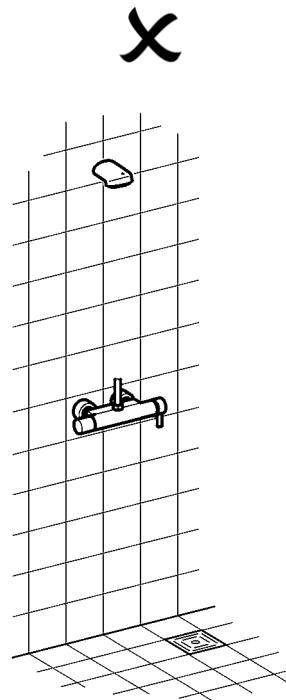
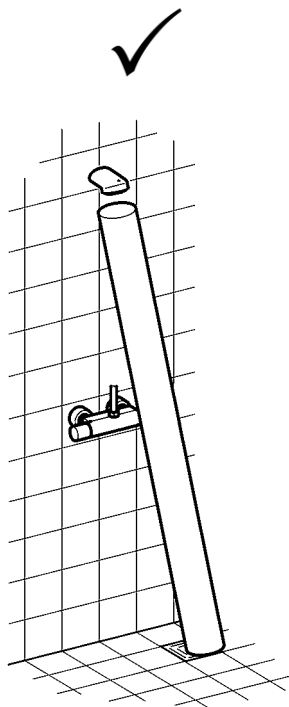
EN Thermal disinfection  
FR Désinfection thermique  
ES Desinfección térmica  
IT Disinfezione termica

NL Thermische desinfectie  
PL Dezynfekcja termiczna  
SV Termisk desinfektion

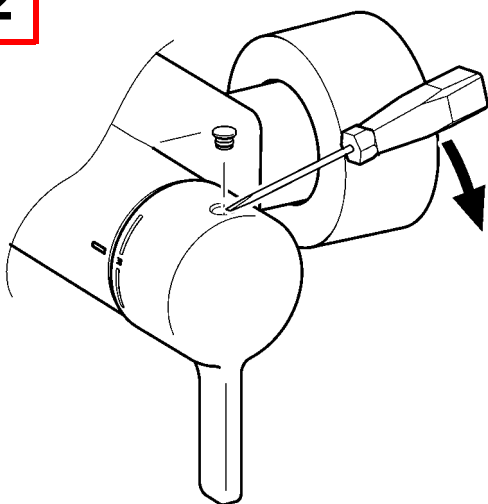
CS Tepelná dezinfekce  
FI Terminen desinfiointi  
RU Термическая дезинфекция



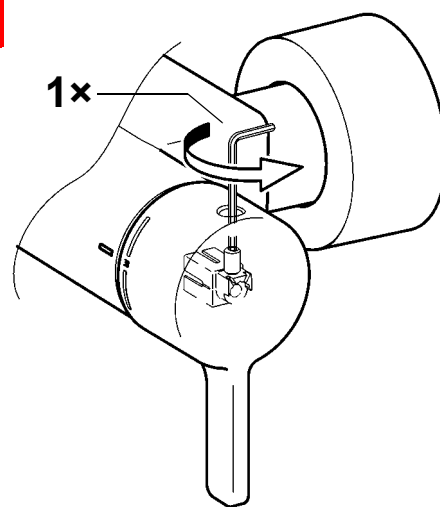
**1**



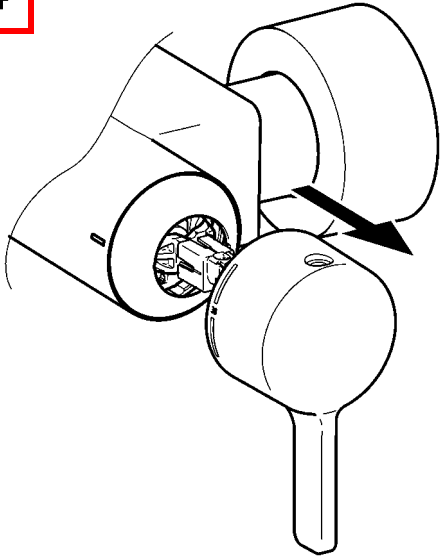
**2**



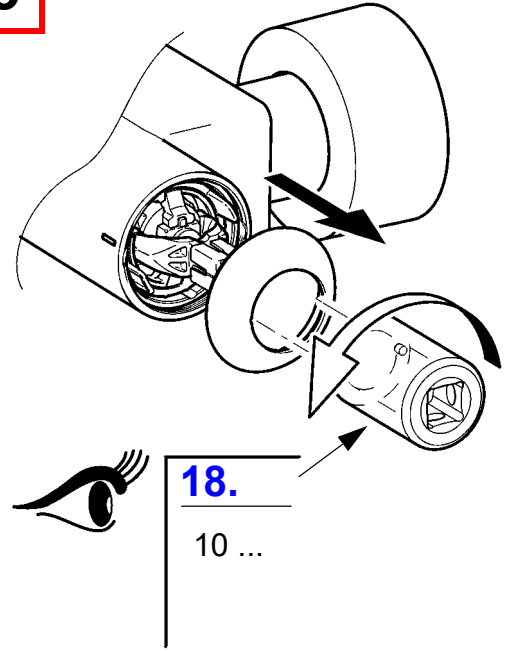
**3**



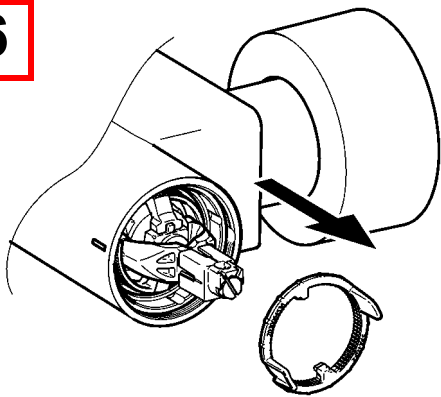
4



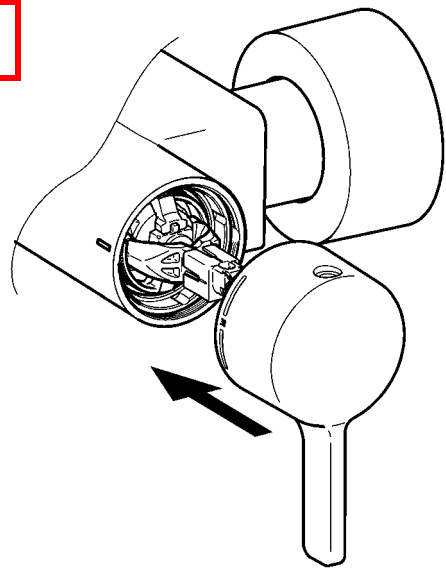
5



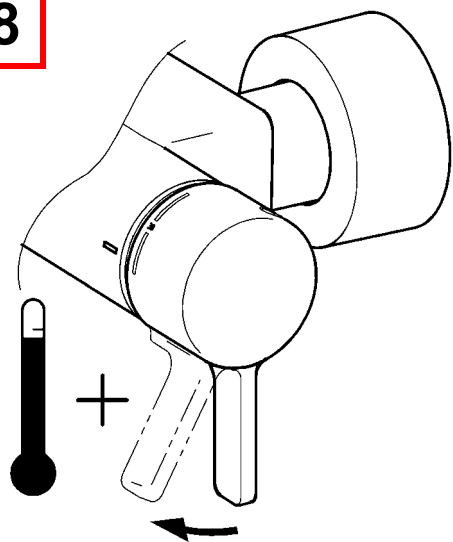
6



7



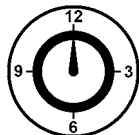
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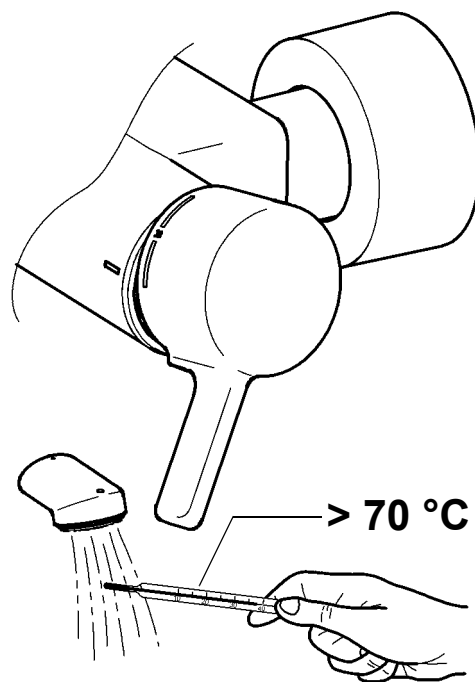
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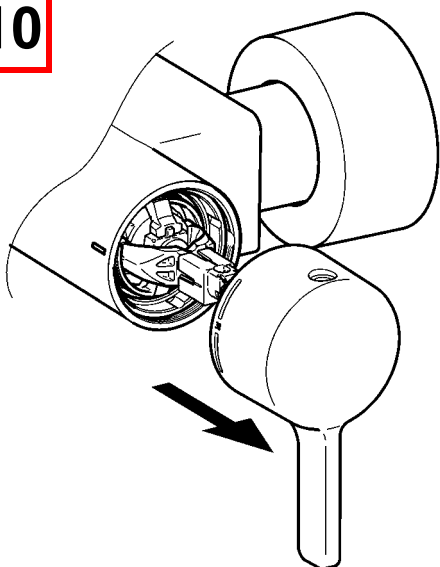
> 70 °C



5 min



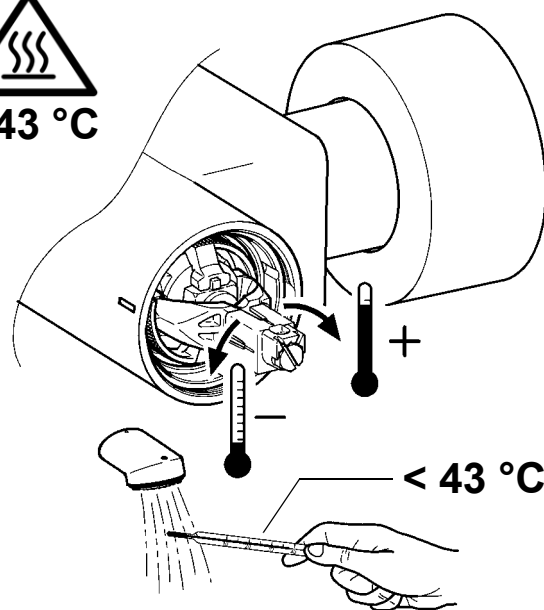
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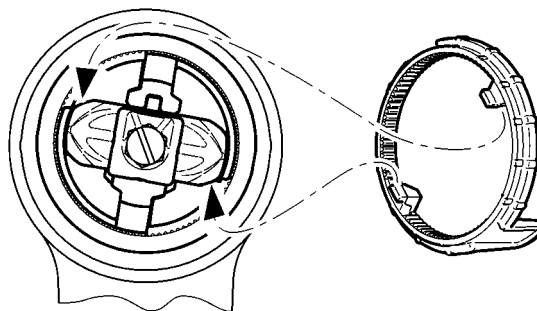
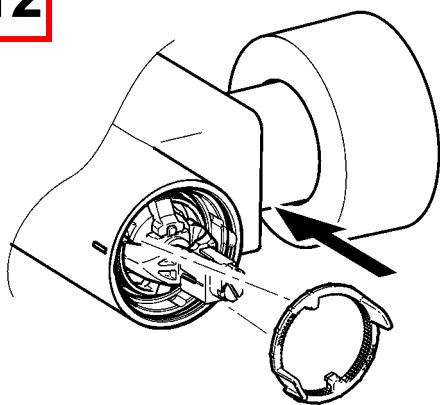
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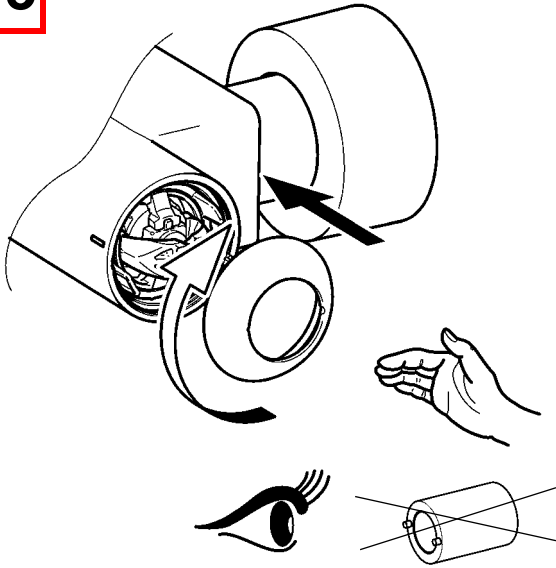
> 43 °C



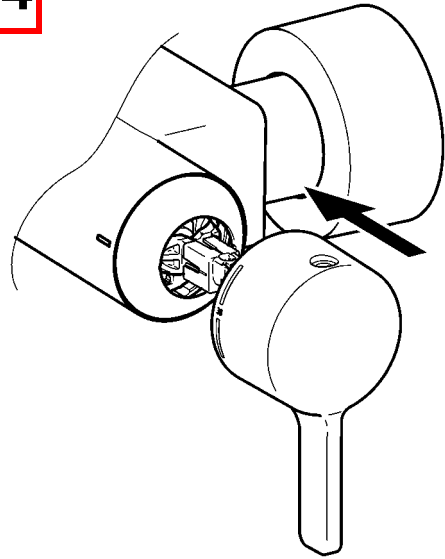
12



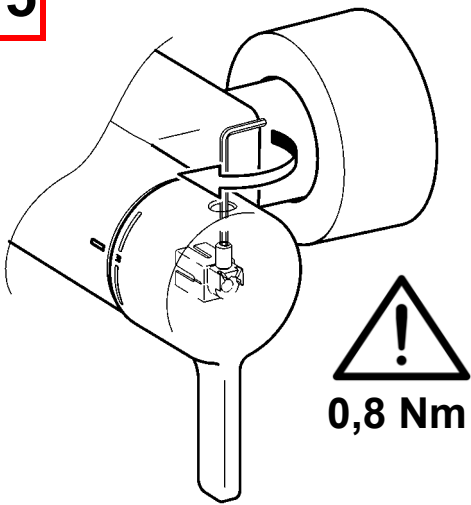
**13**



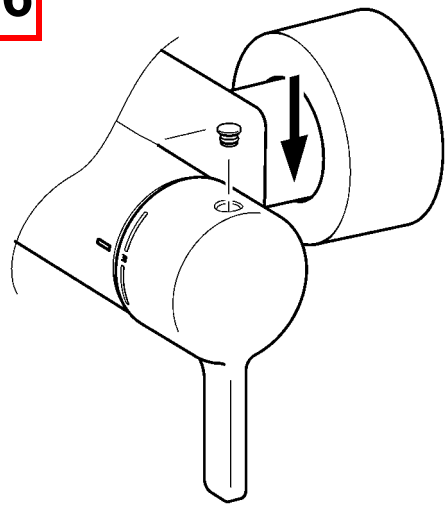
**14**



**15**



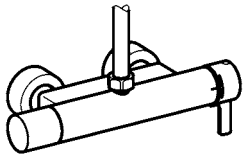
**16**



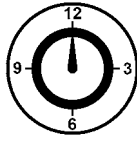
## 5. Hygienespülung einstellen

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		

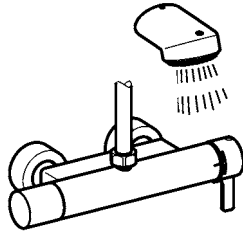
- EN**
- ▶ C: Interval adjustable in h
  - ▶ D: Flow duration adjustable in s
- DE**
- ▶ C: Intervall einstellbar in h
  - ▶ D: Fließzeit einstellbar in s
- FR**
- ▶ C: intervalle réglable en h
  - ▶ D: durée d'écoulement réglable en s
- ES**
- ▶ C: Intervalo ajustable en horas
  - ▶ D: Tiempo de flujo activable en seg
- IT**
- ▶ C: intervallo impostabile in h
  - ▶ D: durata di flusso impostabile in s
- NL**
- ▶ C: Interval instelbaar in u
  - ▶ D: Stromingstijd instelbaar in s
- PL**
- ▶ C: odstęp czasu regulowany w godzinach
  - ▶ D: czas przepływu regulowany w sekundach
- SV**
- ▶ C: Intervall kan ställas in i timmar
  - ▶ D: Flödestid kan ställas in i sekunder
- CS**
- ▶ C: Interval s nastavením v h
  - ▶ D: Doba průtoku s nastavením v s
- FI**
- ▶ C: Aikaväli, asetettavissa h
  - ▶ D: Virtausaika, asetettavissa s
- RU**
- ▶ C: интервал задается в ч
  - ▶ D: время течения задается в сек



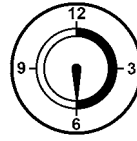
**C**



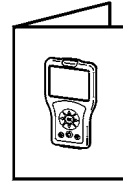
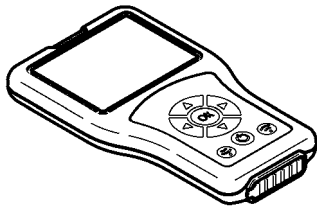
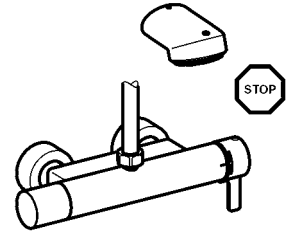
**24 h**



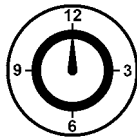
**D**



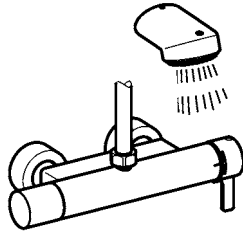
**30 s**



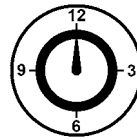
**C**



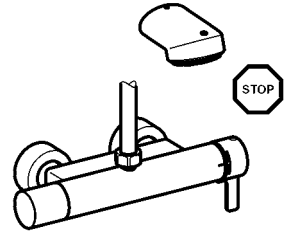
**1 – 255 h**



**D**



**1 – 255 s**



## 6. Verbrühungsschutz einstellen

EN Adjust scald protection	NL Bescherming tegen verbranding instellen	CS Nastavte ochranu proti opaření
FR Réglage du dispositif de protection contre les échaudures	PL Ustawianie zabezpieczenia przed poparzeniem	FI Palovammasuojan asettaminen
ES Ajustar la protección contra escaldaduras	SV Inställning av skållningsskydd	RU Настройка защиты от ошпаривания
IT Impostare la protezione antiscottatura		



### EN

#### Warning

If the hot-water supply temperature is greater than 43 °C, set the scald-protector.

Failure to observe can cause bodily harm due to scalding.

### DE

#### Warnung

Wenn die Temperatur der Warmwasserversorgung mehr als 43 °C beträgt, den Verbrühungsschutz einstellen.

Nichtbeachtung kann Körperverletzung durch Verbrühung bewirken.

### FR

#### Avertissement

Si la température de l'alimentation eau chaude dépasse 43 °C, il convient de régler le dispositif de protection contre les échaudures.

Le non-respect est susceptible de provoquer des blessures corporelles par échaudure.

### ES

#### Aviso

Si la temperatura del suministro de agua caliente es superior a 43 °C, de ajusta la protección contra escaldaduras.

La no observación puede tener como consecuencia escaldaduras.

### IT

#### Avvertenza

Se la temperatura dell'alimentazione acqua calda è superiore a 43 °C, impostare la protezione antiscottatura.

La non osservanza può causare ustioni.

### NL

#### Waarschuwing

Indien de temperatuur van de watervoorziening hoger is dan 43 °C, de bescherming tegen verbranding instellen. Veronachtzaming kan letsel door verbranden veroorzaken.

### PL

#### Ostrzeżenie

Jeśli temperatura wody w instalacji doprowadzającej przekracza 43 °C, należy ustawić zabezpieczenie przed poparzeniem.

Nieprzestrzeganie tego zalecenia może prowadzić do urazów ciała spowodowanych poparzeniem.

### SV

#### Varning

Skållningsskyddet ska ställas in om varmvattnet blir varmare än 43 °C. Inställning av skållningsskydd.

Om detta inte efterföljs finns det risk för skållningsskador.

### CS

#### Varování

Když teplota přiváděné teplé vody činí více než 43 °C, nastavte ochranu proti opaření.

Nerespektování může vést k poranění opařením.

### FI

#### Varoitus

Kun lämminvesisyötön lämpötila on enemmän kuin 43 °C, aseta palovammasuoja.

Huomioon ottamatta jättäminen voi saada aikaan vartalovamman palovammasta.

### RU

#### Предупреждение

Если температура в линии подачи горячей воды больше 43 °C, настройте защиту от ошпаривания.

Вследствие несоблюдения данного указания возможно нанесение вреда здоровью в результате ошпаривания.

1



4.

1 - 6

2



4.

11 - 16



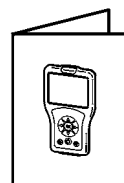
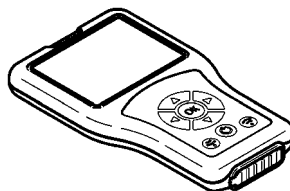
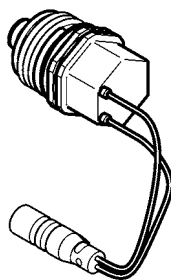
> 43 °C

## 7. Thermische Desinfektion nachrüsten – elektrisch

EN Retrofit thermal disinfection – electrical	NL Thermische desinfectie monteren – elektrisch	CS Dovybavení tepelné dezinfekce – elektrické
FR Montage ultérieure de la désinfection thermique – électrique	PL Doposażanie dezynfekcji termicznej – układy elektryczne	FI Lämpödesinfiointin jälkivarustelu – sähköinen
ES Reequipamiento eléctrico de la desinfección térmica	SV Eftermontera termisk desinfektion – elektriskt	RU Дооснащение термической дезинфекции – электрическая часть
IT Montaggio successivo disinfezione termica – parte elettrica		



18.



EN Not included in scope of delivery

PL poza zakresem dostawy

FR non compris dans la livraison

ES no forma parte del volumen de suministro

IT Non compreso nella fornitura

NL niet bij levering inbegrepen

DE nicht Lieferumfang

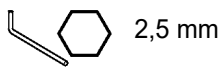
SV ngår ej i leveransen

CS Není součástí dodávky

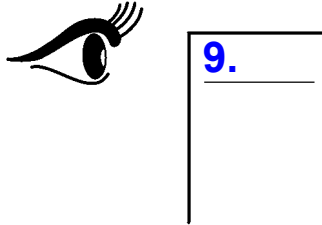
FI ei kuulu toimitukseen

RU Не входит в объём поставки

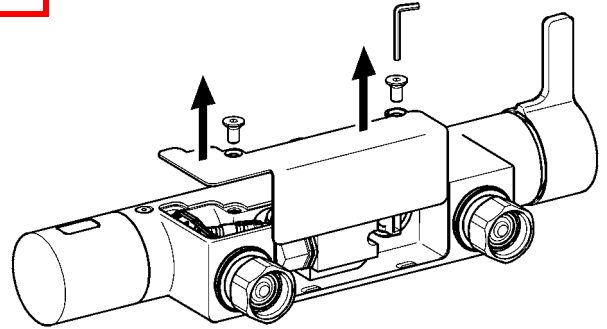




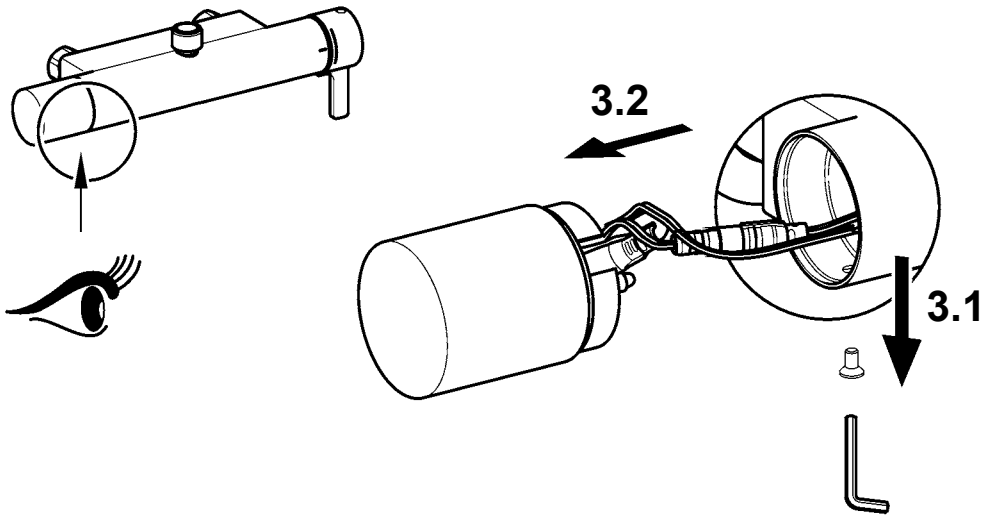
**1**



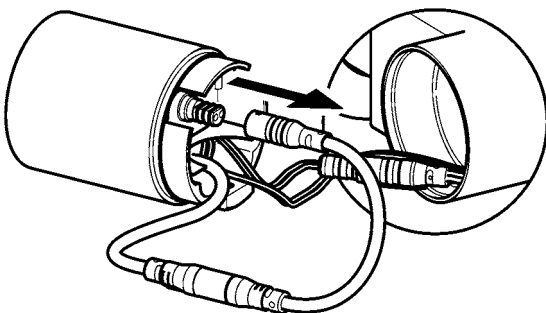
**2**



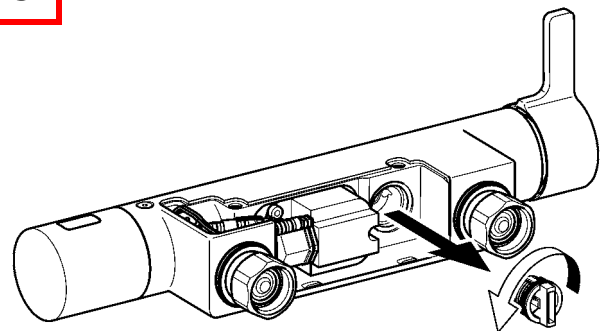
**3**



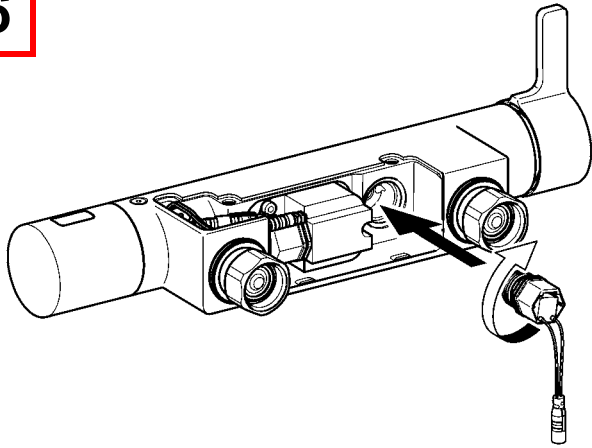
**4**



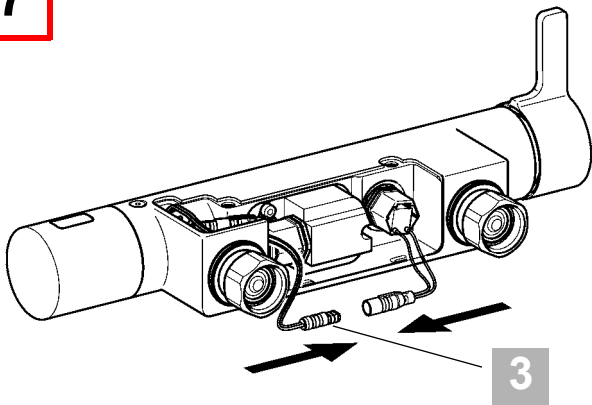
**5**



**6**



**7**



EN 3: Red

PL 3: Czerwony

DE 3: Rot

SV 3: Röd

FR 3: Rouge

CS 3: Červený

ES 3: Rojo

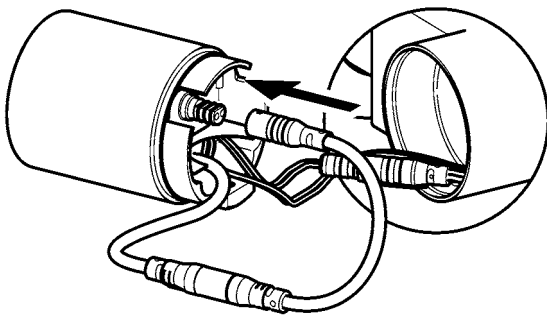
FI 3: Punainen

IT 3: Rosso

RU 3: красный

NL 3: Rood

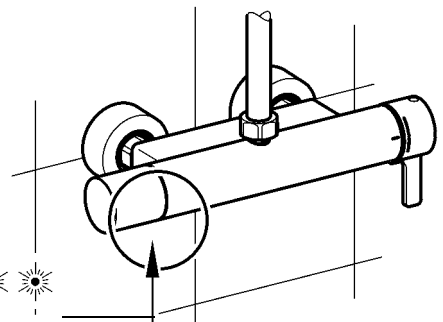
**8**



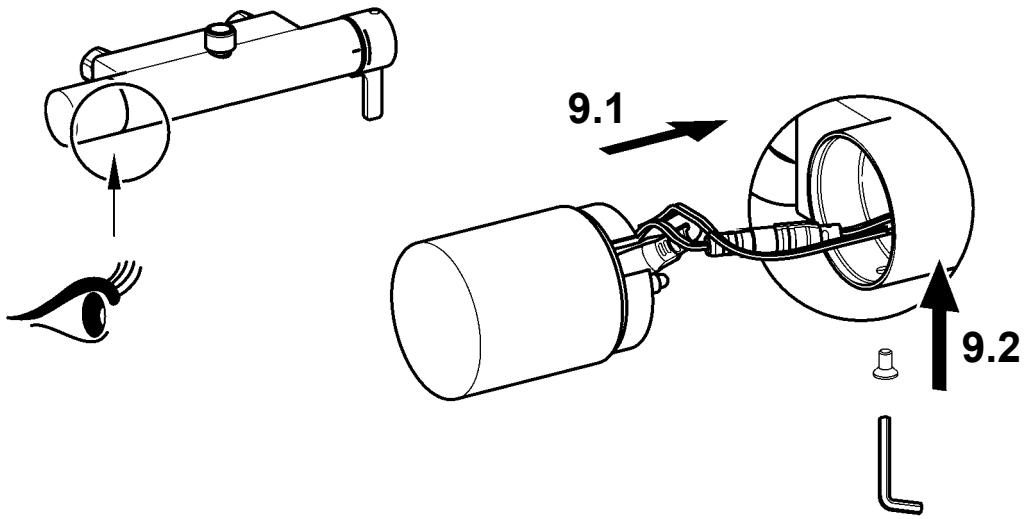
**3.**

**A** 2x    

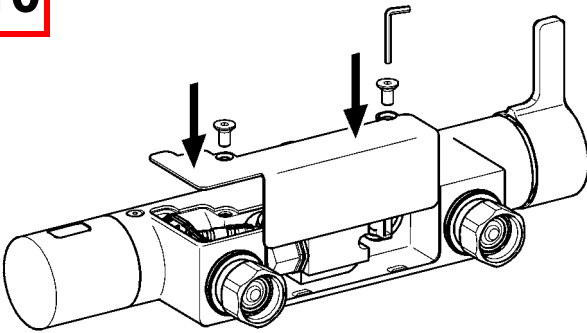
**B** 1x    



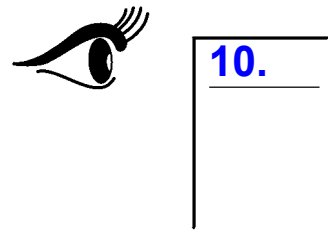
**9**



**10**



**11**



## 8. Wartung

EN Maintenance  
FR Maintenance  
ES Mantenimiento  
IT Manutenzione

NL Onderhoud  
PL Konserwacja  
SV Underhåll

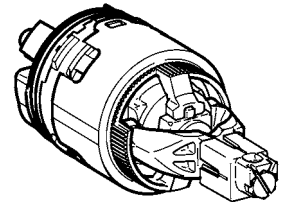
CS Varování  
FI Huolto  
RU Техническое обслуживание



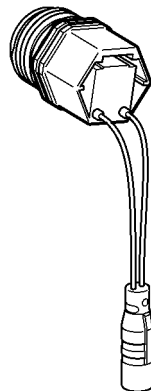
11.



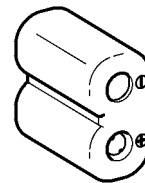
12.



13.

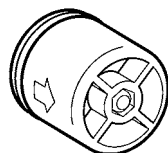


14.

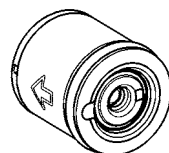


15.

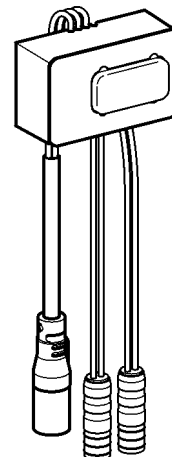
5 2x



6 2x



16.



## 9. Armatur demontieren

EN Remove fitting

FR Démontage de la robinetterie

ES Desmontar la grifería

IT Smontaggio dell'apparecchio

NL Armatuur demonteren

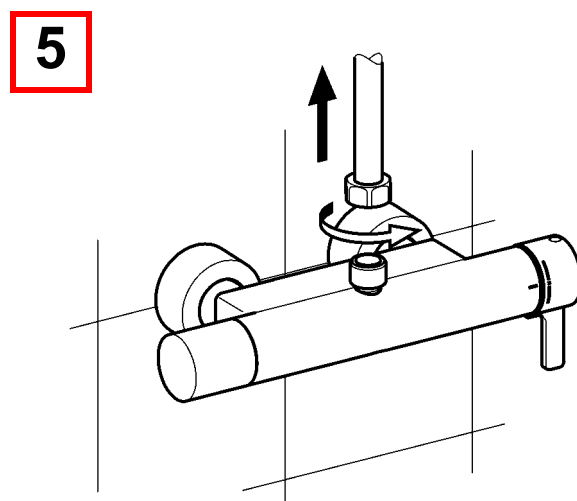
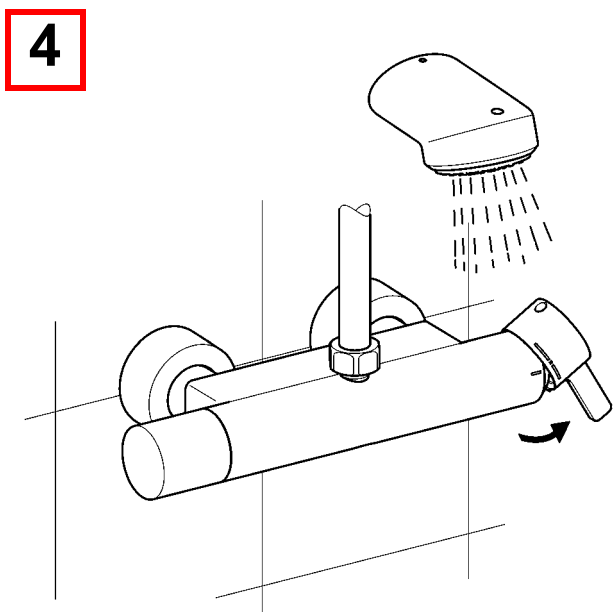
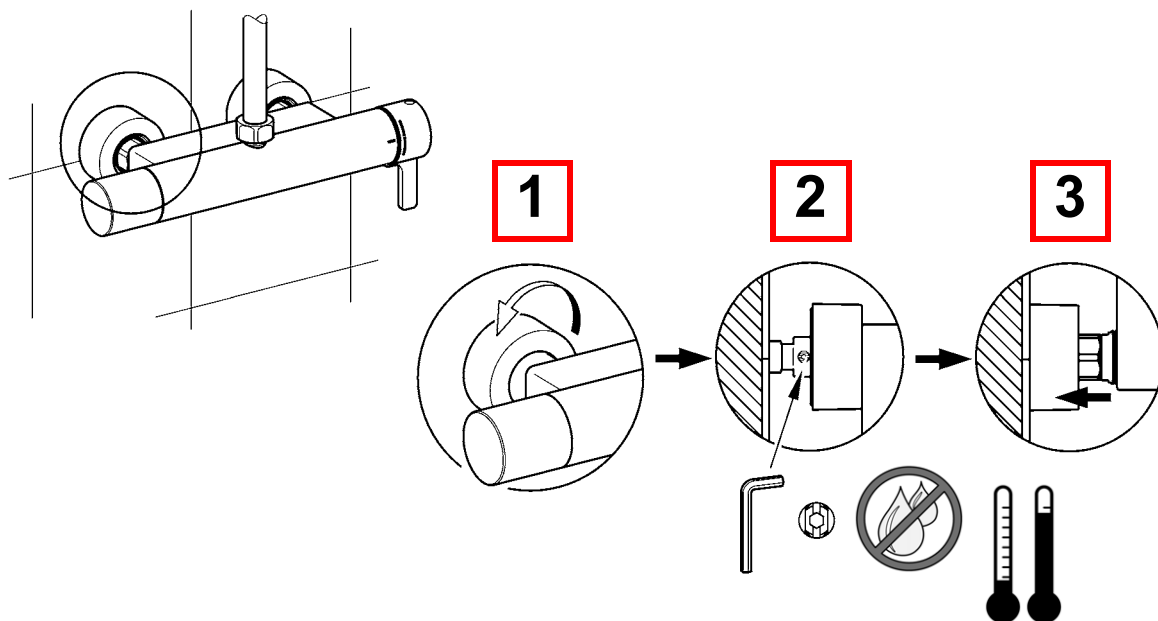
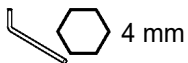
PL Zdemontować armaturę

SV Demontera armaturen

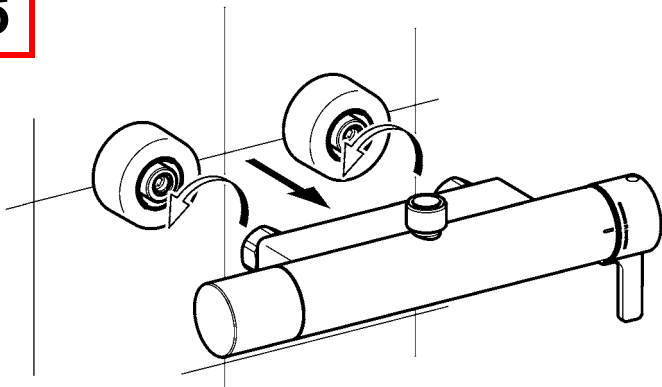
CS Demontáž armatury

FI Hanan irrottaminen

RU Демонтаж арматуры



**6**



## 10. Armatur montieren

EN Install fitting

FR Montage de la robinetterie

ES Montar la grifería

IT Montaggio dell'apparecchio

NL Armatuur monteren

PL Zamontować armaturę

SV Montera armaturen

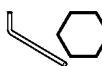
CS Montáž armatury

FI Hanan asentaminen

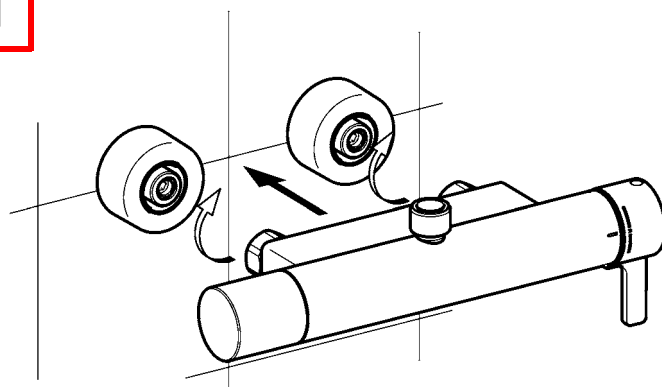
RU Монтаж арматуры



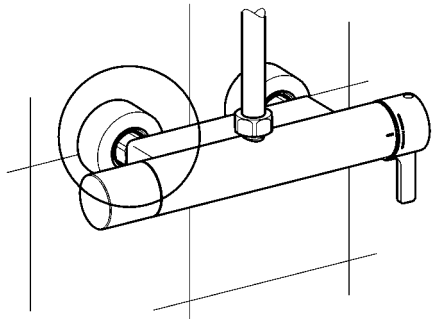
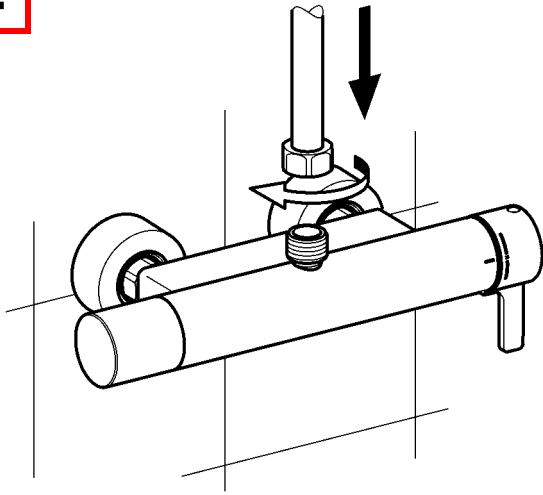
 30 mm

 4 mm

**1**



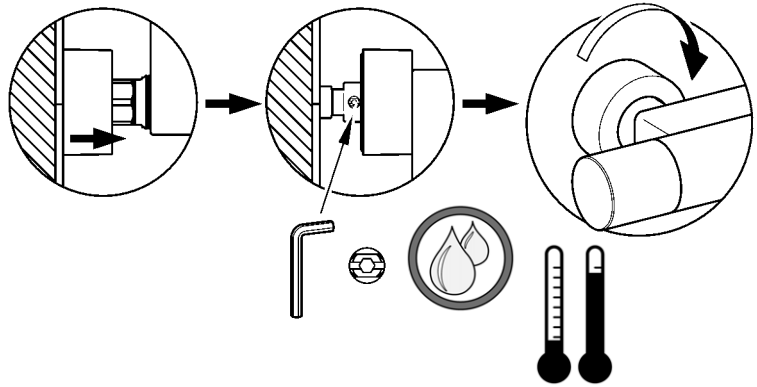
**2**



**3**

**4**

**5**



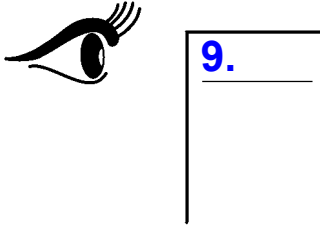
## 11. Siebe wechseln

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

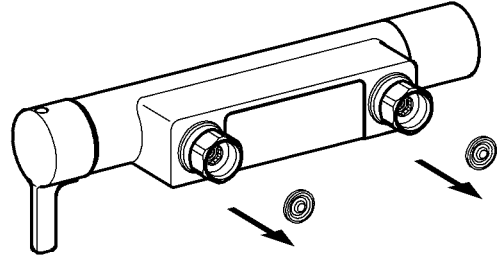
NL Zeven vervangen  
PL Wymiana sit  
SV Byt filter

CS Vyměňte síto  
FI Siivilän vaihto  
RU Сменить сеточки

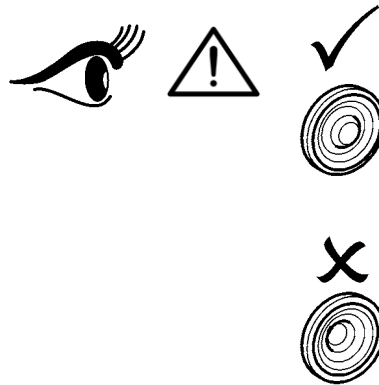
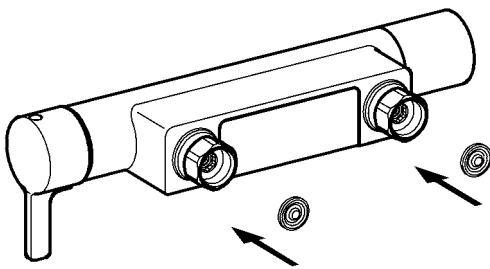
1



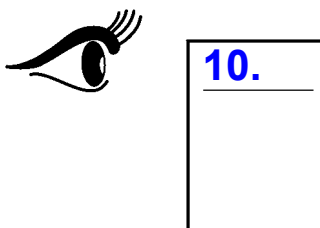
2



3



4





## 12. Thermostatkartusche wechseln

EN Changing the thermostat cartridge	NL Thermostaatcartridge vervangen	CS Výměna zásobníku termostatu
FR Remplacement de la cartouche du thermostat	PL Wymiana głowicy termostatycznej	FI Termostaattipatruunan vaihtaminen
ES Cambio del cartucho de termostato	SV Byta termostatpatron	RU Замена картриджа термостата
IT Sostituzione della cartuccia termostatica		



### EN

#### Warning

After installing the fitting or removing the thermocouple, adjust the scald protector. Failure to observe can cause bodily harm due to scalding.

### DE

#### Warnung

Nach Montage der Armatur oder Demontage des Thermoelements den Verbrühungsschutz einstellen. Nichtbeachtung kann Körperverletzung durch Verbrühung bewirken.

### FR

#### Avertissement

Après le montage du robinet ou le démontage du thermocouple, régler la protection contre les échaudures. Le non-respect est susceptible de provoquer des blessures corporelles par échaudure.

### ES

#### Aviso

Tras montar la grifería o después de desmontar el termoelemento, ajustar la protección contra escaldaduras. La no observación puede tener como consecuencia escaldaduras.

### IT

#### Avvertenza

Al termine del montaggio della rubinetteria o dopo lo smontaggio del termoelemento, impostare la protezione antiscottatura. La non osservanza può causare ustioni.

### NL

#### Waarschuwing

Na de montage van de armatuur of demontage van het thermische element de bescherming tegen verbranding instellen. Veronachtzaming kan letsel door verbranden veroorzaken.

### PL

#### Ostrzeżenie

Po zamontowaniu baterii lub demontażu termopogniwa należy ustawić zabezpieczenie przed poparzeniem. Nieprzestrzeganie tego zalecenia może prowadzić do urazów ciała spowodowanych poparzeniem.

### SV

#### Varning

Ställ in skållningsskyddet efter montering av armaturen eller demontering av termoelementet. Om detta inte efterföljs finns det risk för skållningsskador.

### CS

#### Varování

Po montáži armatury nebo demontáži termočlátku nastavte ochranu proti opaření. Nerespektování může vést k poranění opařením.

### FI

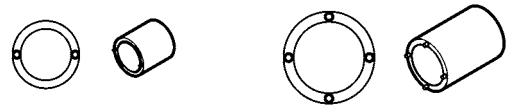
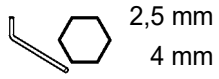
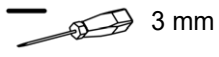
#### Varoitus

Laitteiston asennuksen tai lämpöelementin purkamisen jälkeen asenna palovammasuoja. Huomioon ottamatta jättäminen voi saada aikaan vartalovamman palovammasta.

### RU

#### Предупреждение

После монтажа арматуры или демонтажа термoelementa настроить защиту от ошпаривания. Вследствие несоблюдения данного указания возможно нанесение вреда здоровью в результате ошпаривания.



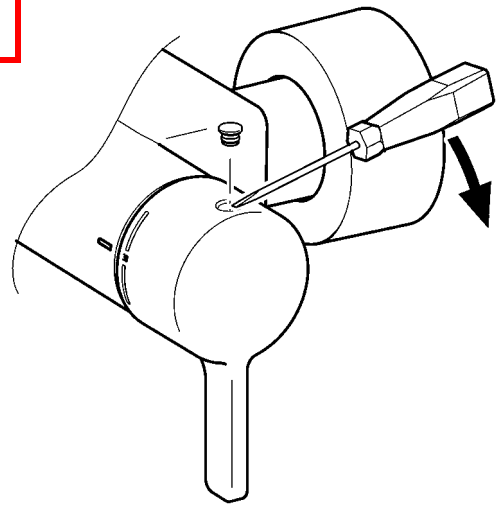
**1**



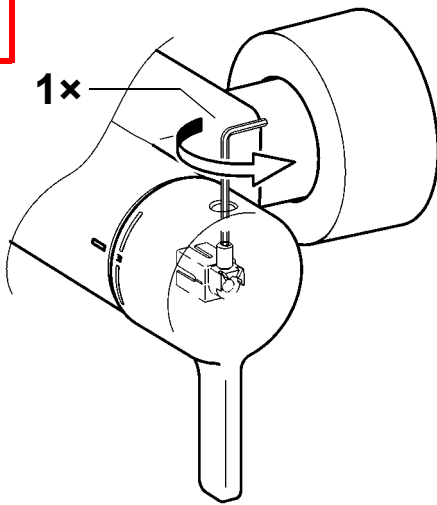
**9.**

**1 - 4**

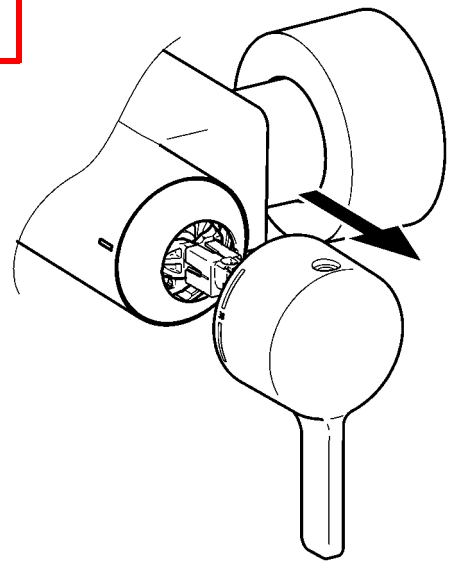
**2**



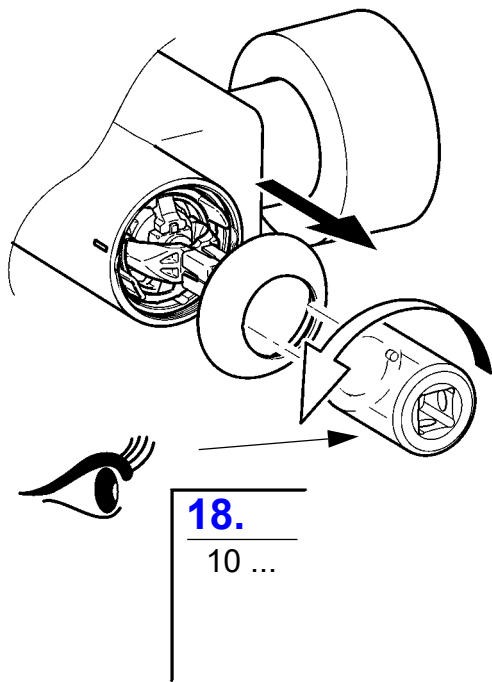
**3**



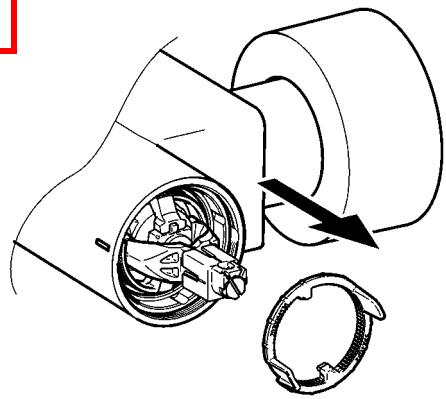
**4**



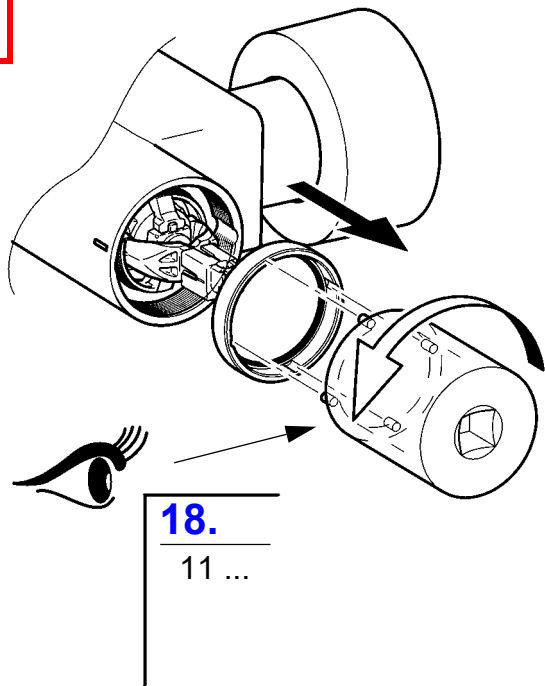
**5**



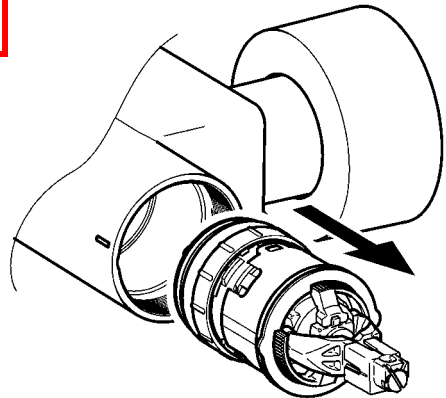
**6**



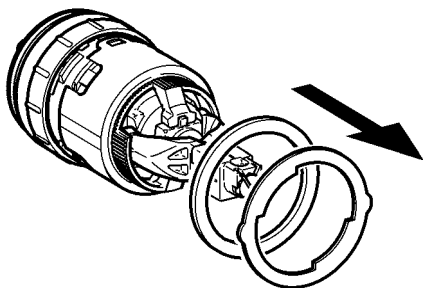
**7**



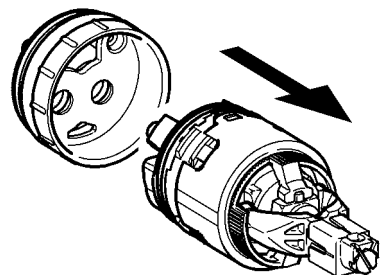
**8**



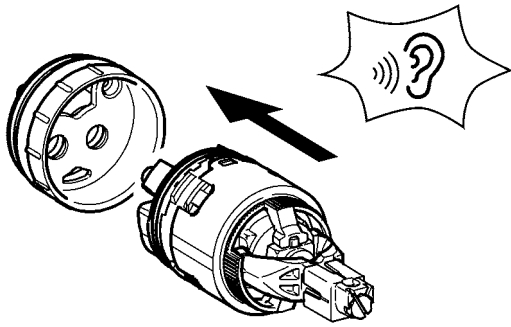
**9**



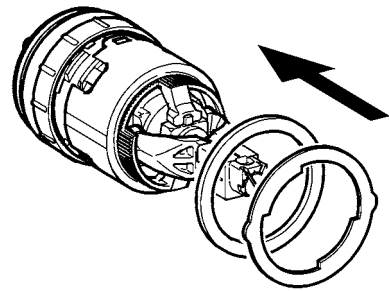
**10**



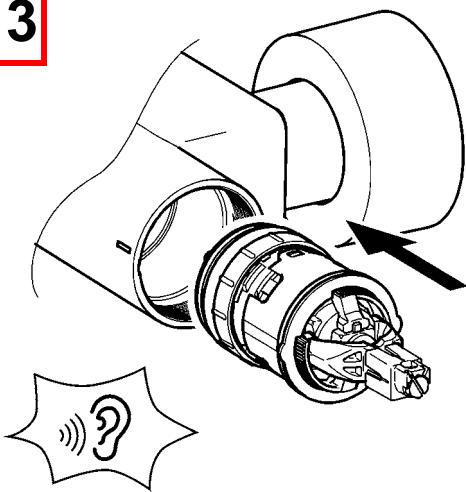
11



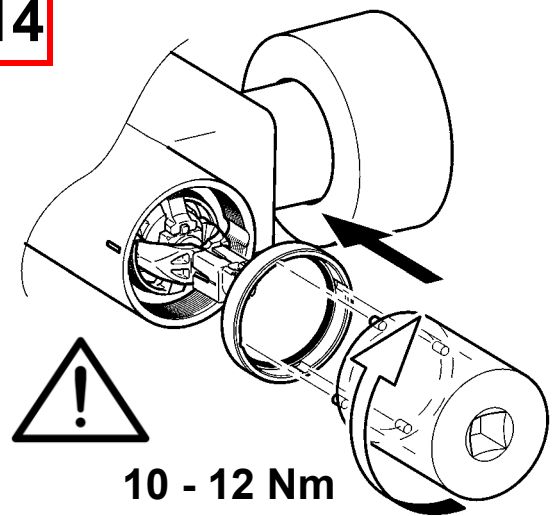
12



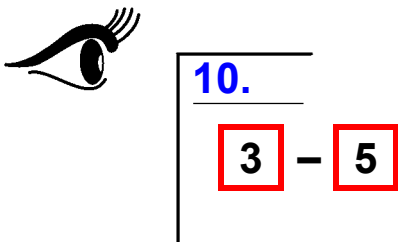
13



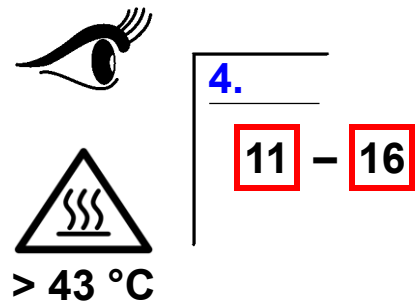
14



15

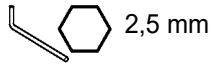


16

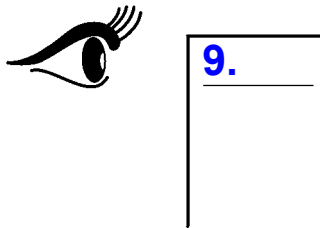


### 13. Magnetventilkartusche wechseln

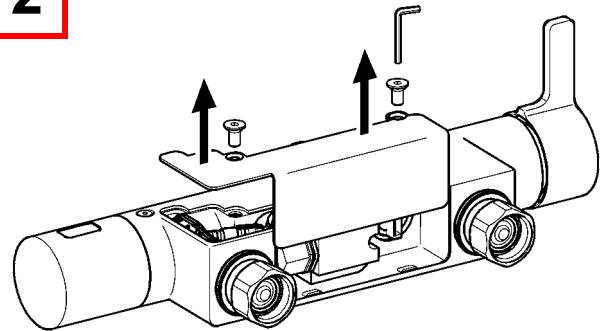
EN Replacing the solenoid valve cartridge	NL Magneetventielpatroon verandering	CS Výměna kartuše s magnetickým ventilem
FR Remplacement de la cartouche d'électrovanne	PL Wymiana wkładu zaworu elektromagnetycznego	FI Magneettiventtiilipanosen vaihtaminen
ES Cambiar cartucho de la válvula electromagnética	SV Byta magnetventilpatron	RU Замена картриджа электромагнитного клапана
IT Sostituzione della cartuccia della valvola elettromagnetica		



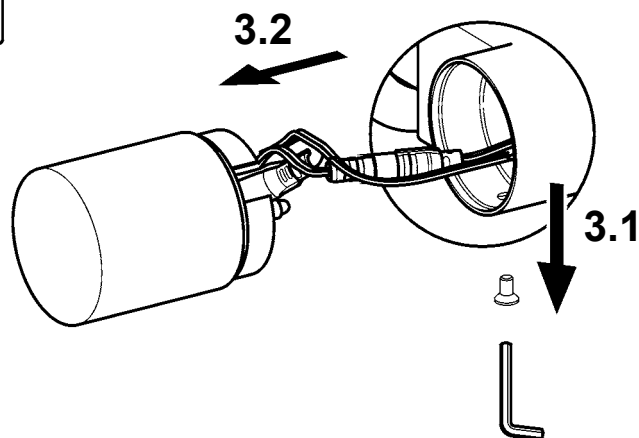
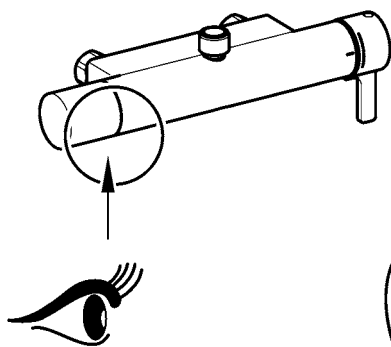
**1**



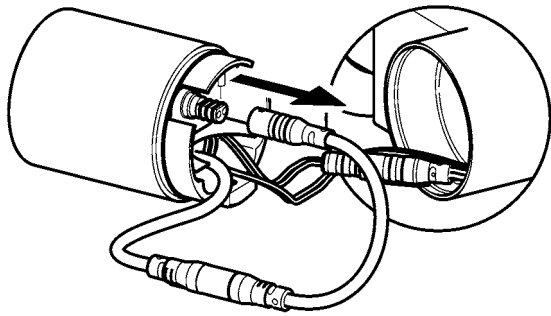
**2**



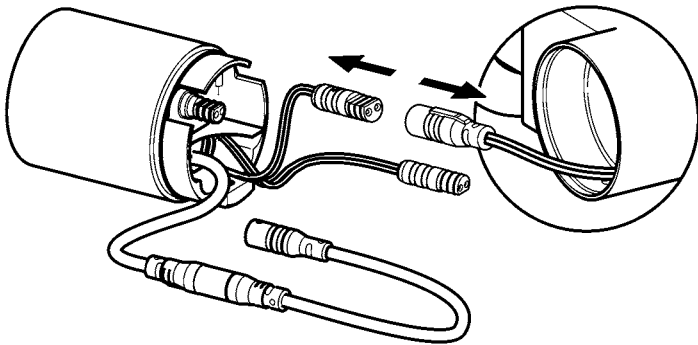
**3**



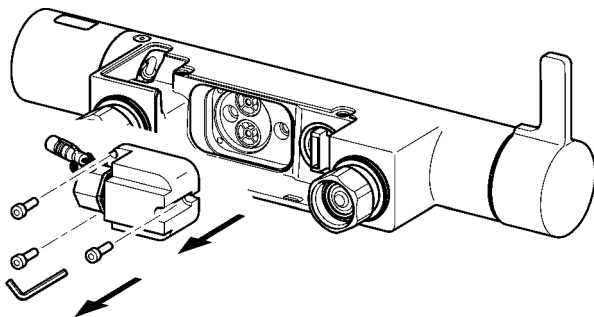
4



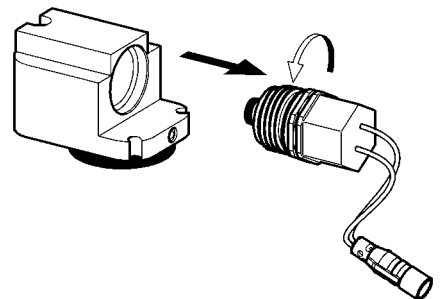
5



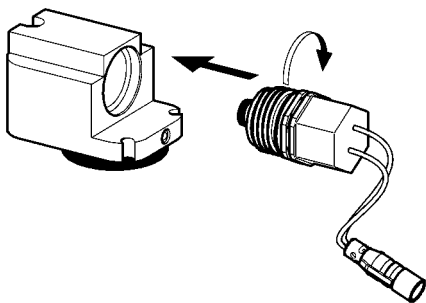
6



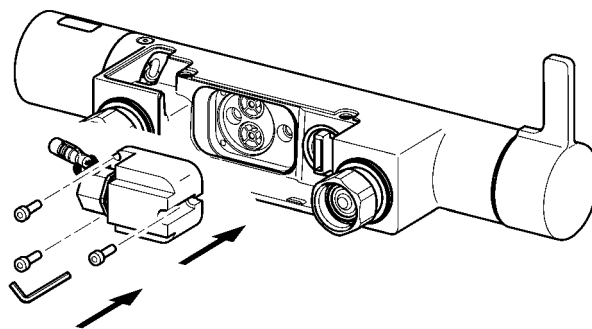
7



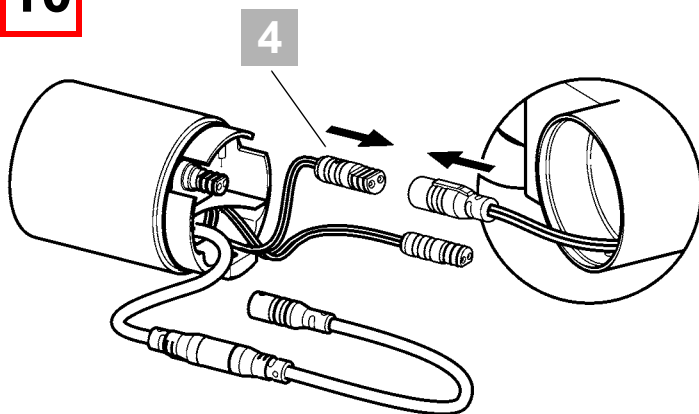
**8**



**9**



**10**



EN 4: Black                      PL 4: Czarny

DE 4: Schwarz                  SV 4: Svart

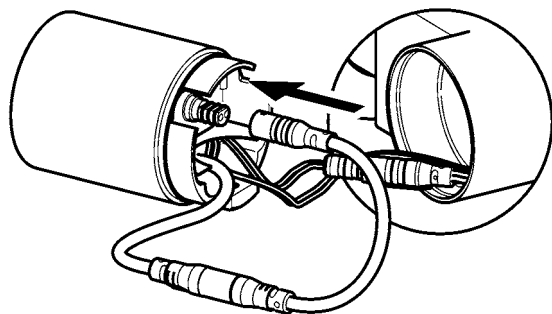
FR 4: Noir                        CS 4: černá

ES 4: Negro                      FI 4: Musta

IT 4: Nero                        RU 4: черный

NL 4: Zwart

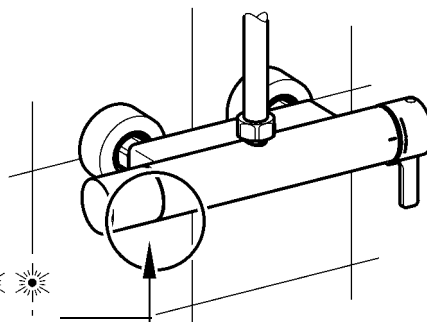
**11**



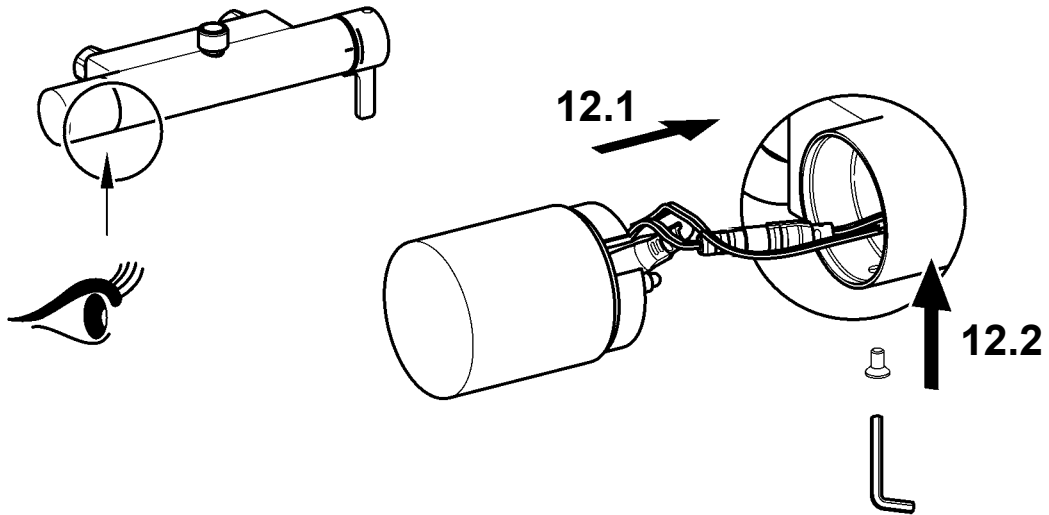
**3.**

**A** 2x    

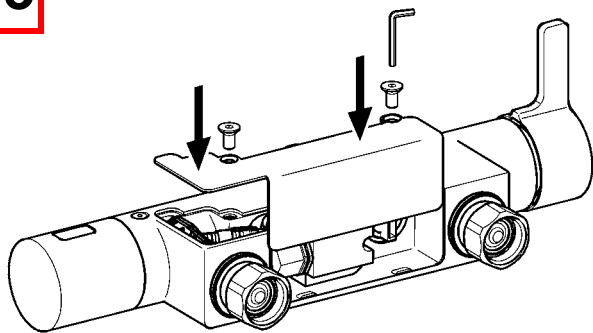
**B** 1x    



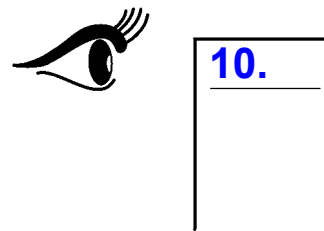
**12**



**13**



**14**



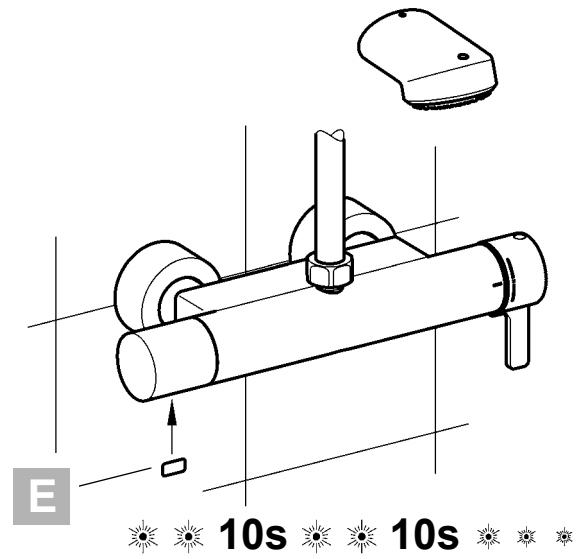
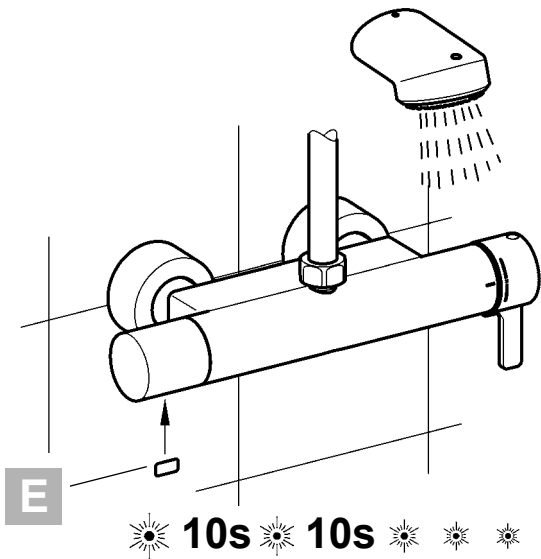
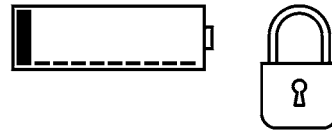
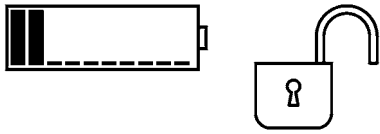


## 14. Batteriewechsel

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 E Red

ES E Rojo

PL E Czerwony

FI E Punainen

DE E Rot

IT E Rosso

SV E Röd

RU E красный

FR E Rouge

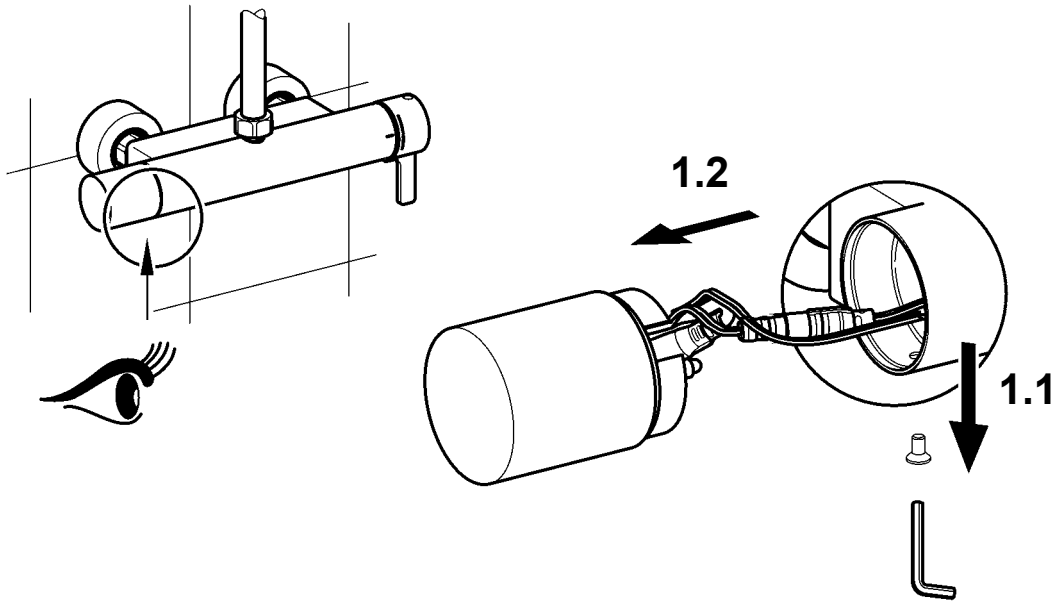
NL E Rood

CS E Červený

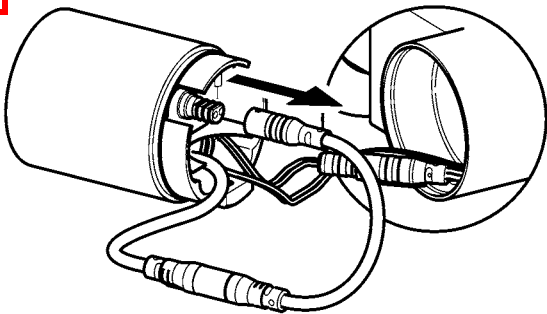


2,5 mm

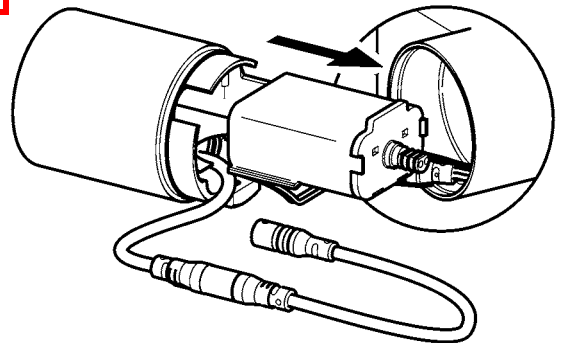
**1**



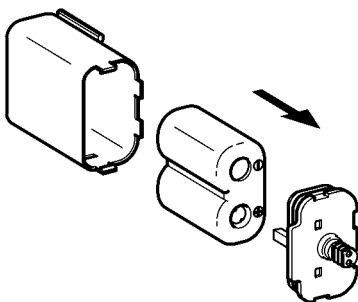
**2**



**3**



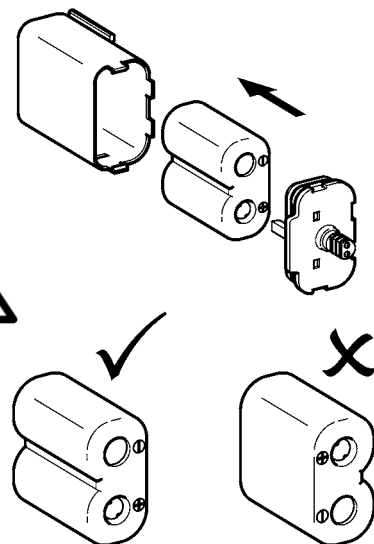
**4**



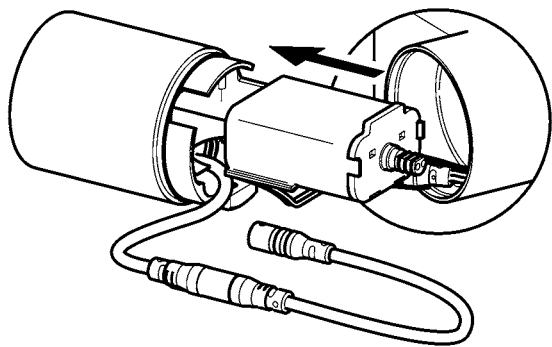
**5**



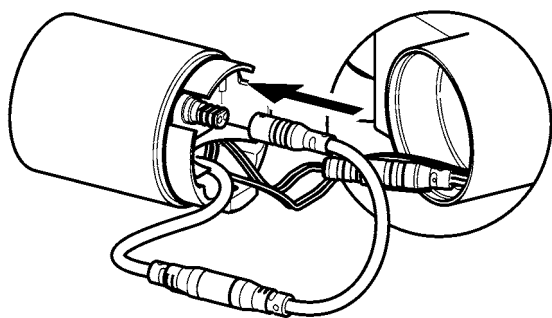
6 V DC



**6**



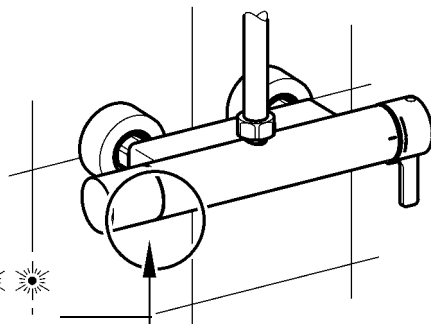
**7**



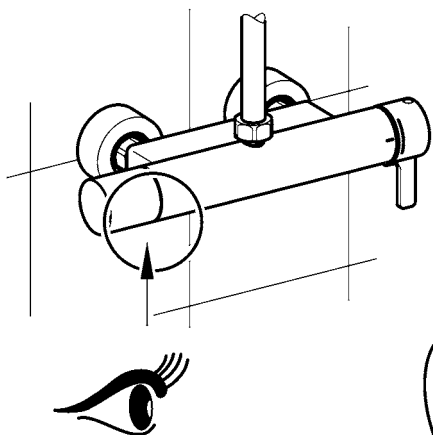
**3.**

**A** 2x 

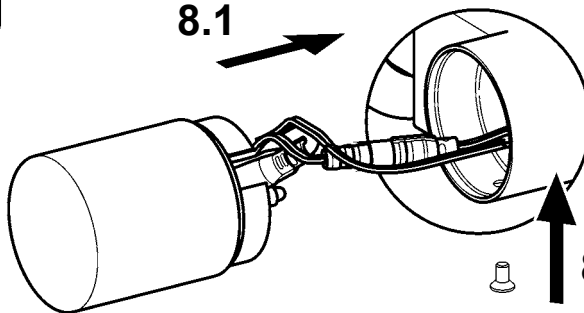
**B** 1x 



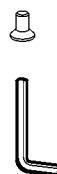
**8**



**8.1**



**8.2**



## 15. Rückflussverhinderer wechseln

EN Replace the return flow inhibitor

NL Terugstroomklep vervangen

CS Vyměňte zábranu zpětného průtoku

FR Remplacement du clapet de non-retour

PL Wymiana zaworu zwrotnego

FI Paluuvirtausestäjän vaihto

ES Reemplazar la válvula antiretorno

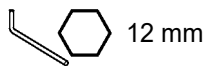
SV Byt återströmningsskydd

RU Заменить клапан обратного течения

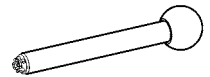
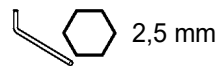
IT Sostituire la valvola antiriflusso



5



6

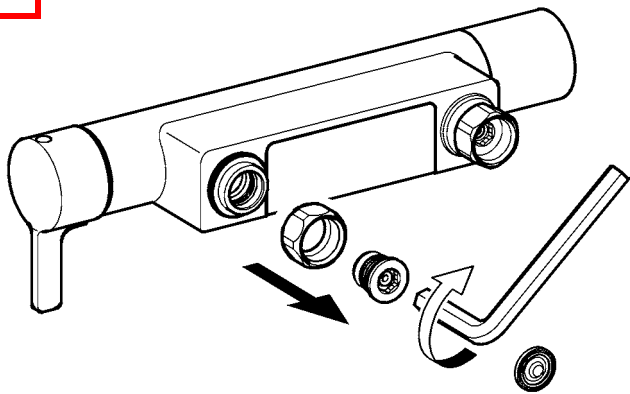


1



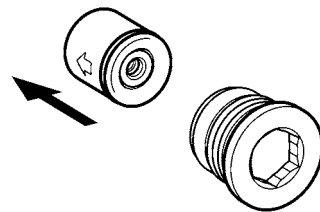
9.

2

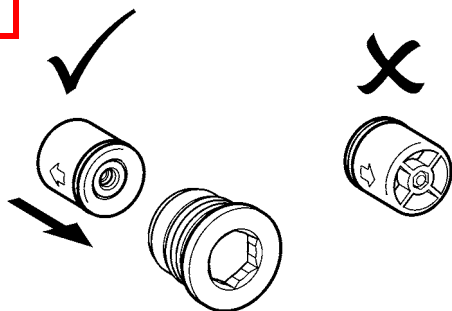


5

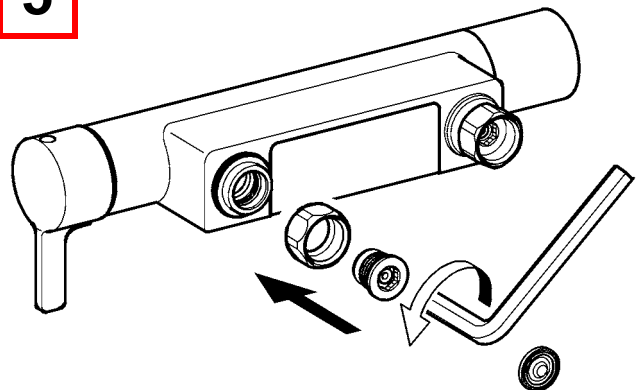
3



4

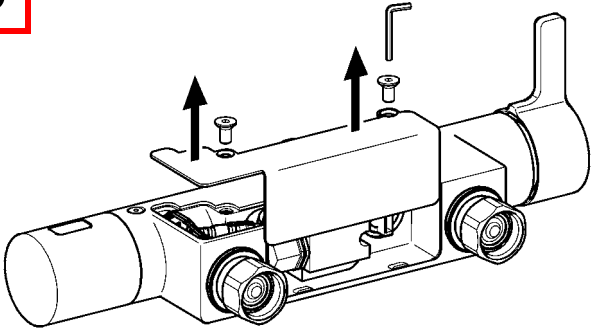


5

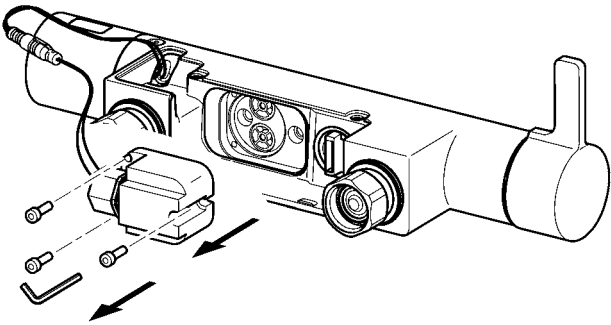


6

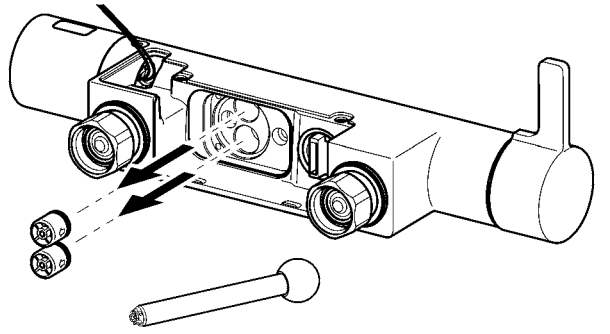
6



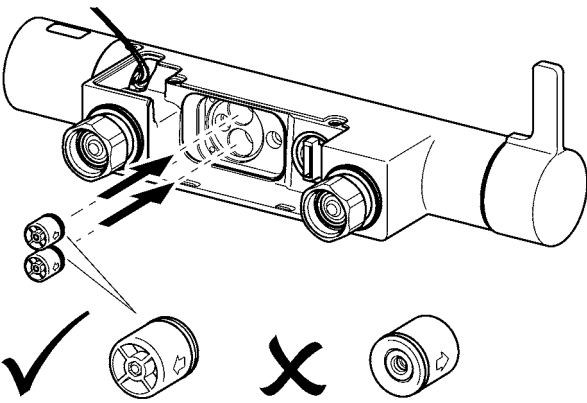
7



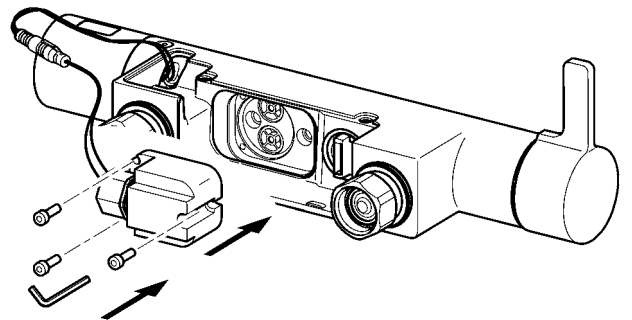
8

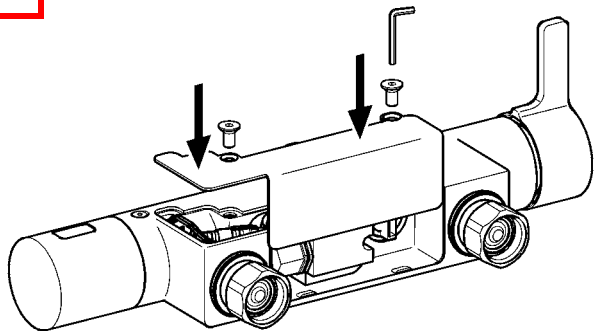


9



10



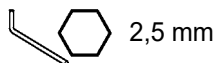
**11****12****10.**

## 16. Sensor wechseln

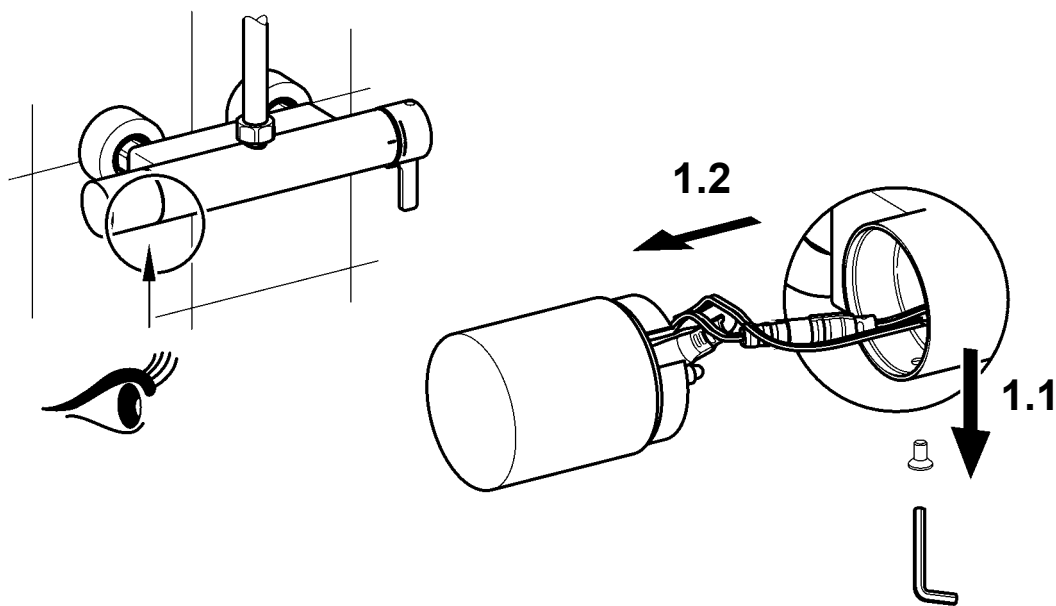
EN Replace sensor  
FR Changer le capteur  
ES Cambiar el sensor  
IT Cambiare il sensore

NL Sensor vervangen  
PL Wymienić czujnik  
SV Byt sensor

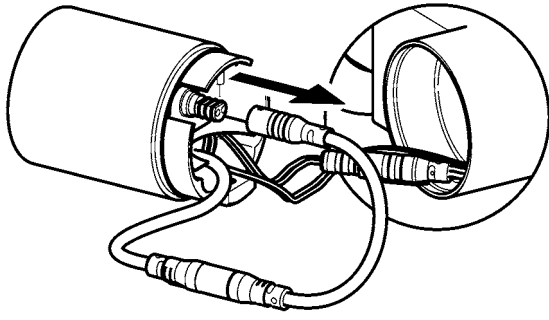
CS Vyměňte snímač  
FI Anturi vaihto  
RU Замена Датчик



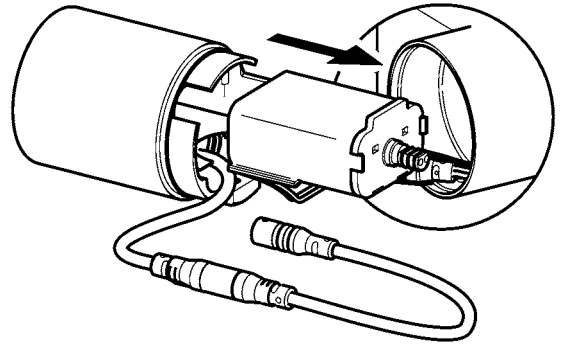
2,5 mm

**1**

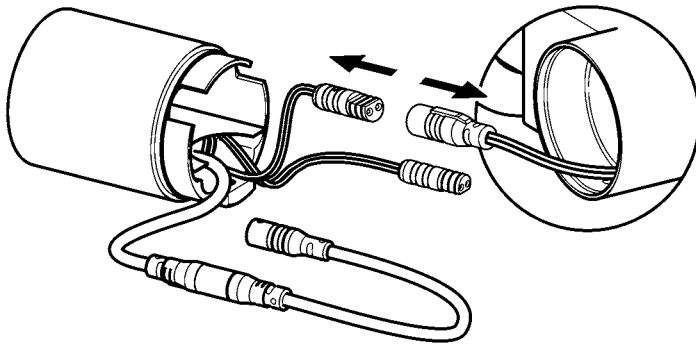
**2**



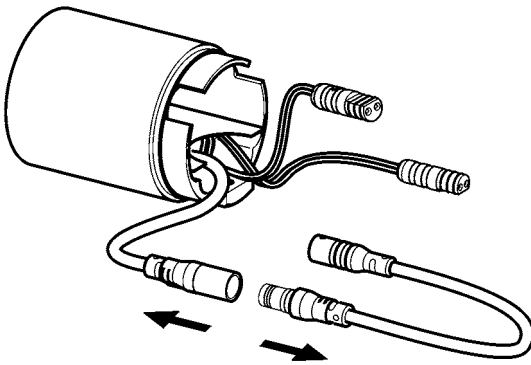
**3**



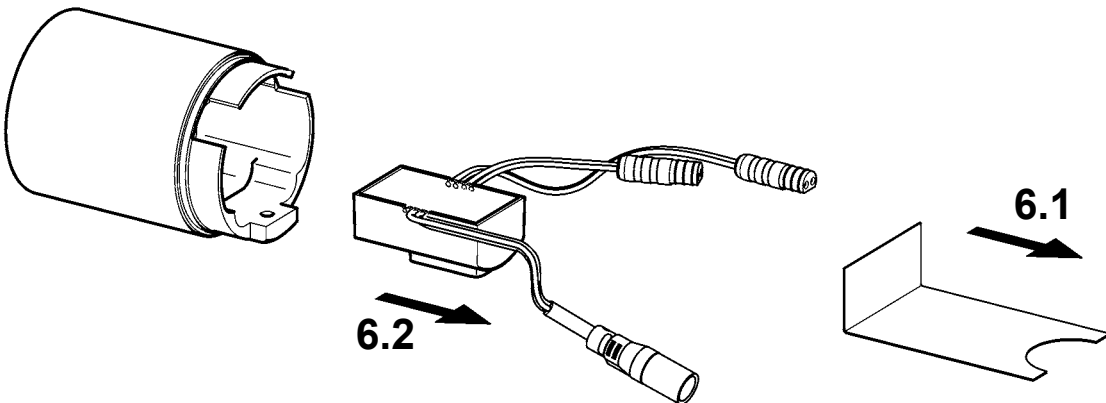
**4**



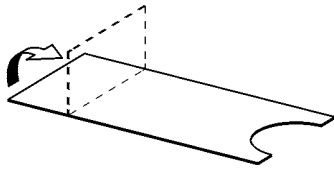
**5**



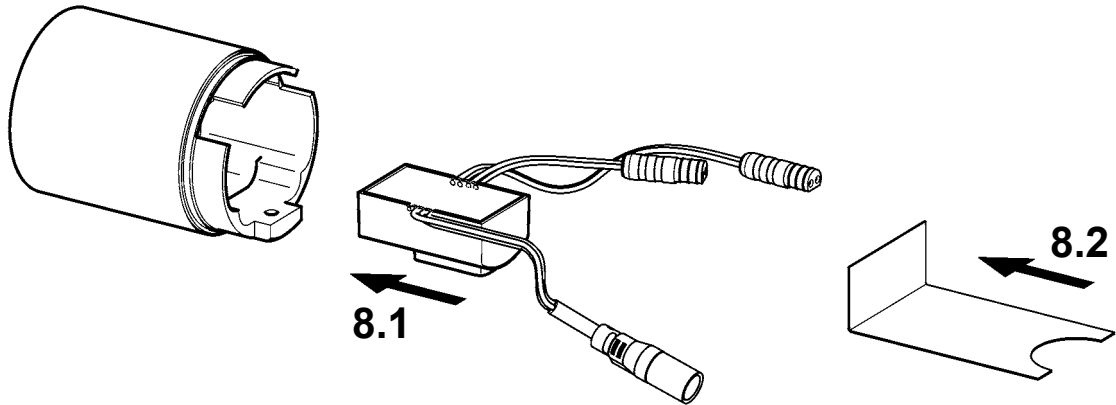
**6**



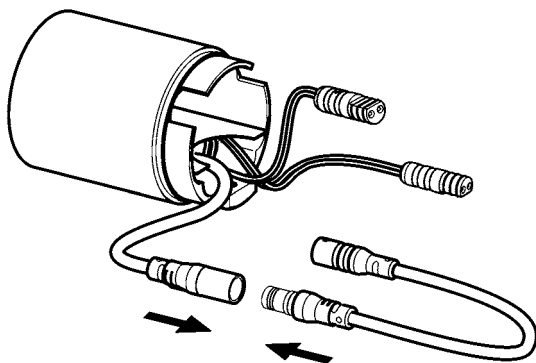
**7**



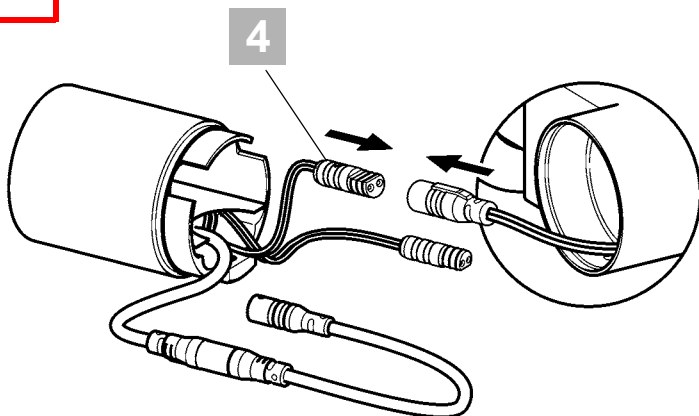
**8**



**9**



**10**



EN 4: Black

PL 4: Czarny

DE 4: Schwarz

SV 4: Svart

FR 4: Noir

CS 4: černá

ES 4: Negro

FI 4: Musta

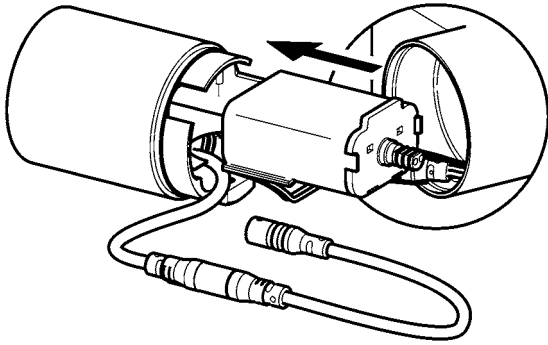
IT 4: Nero

RU 4: черный

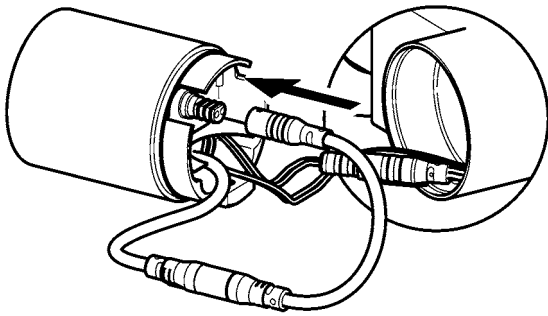
NL 4: Zwart











**11**

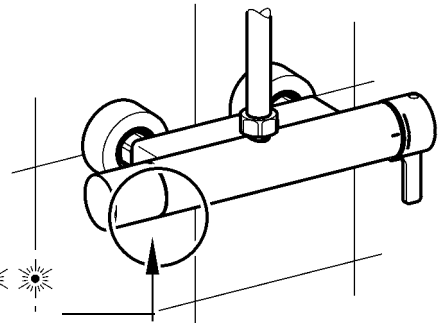


**12**

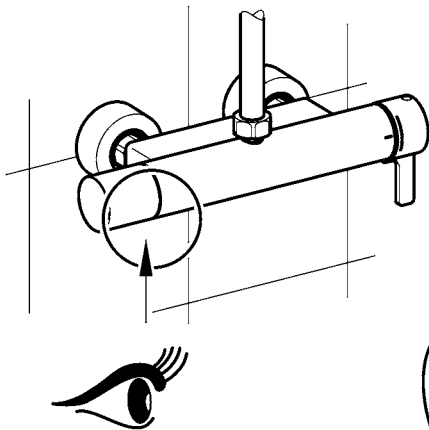


**3.**

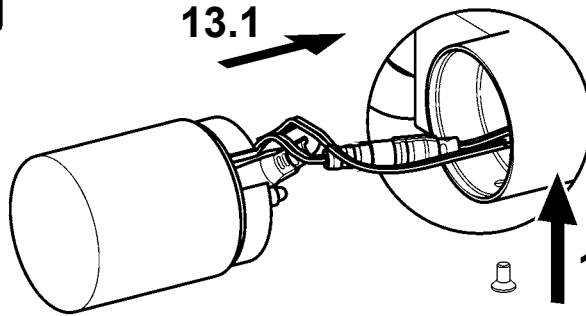
- A** 2x    
- B** 1x    



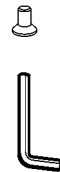
**13**



**13.1**



**13.2**

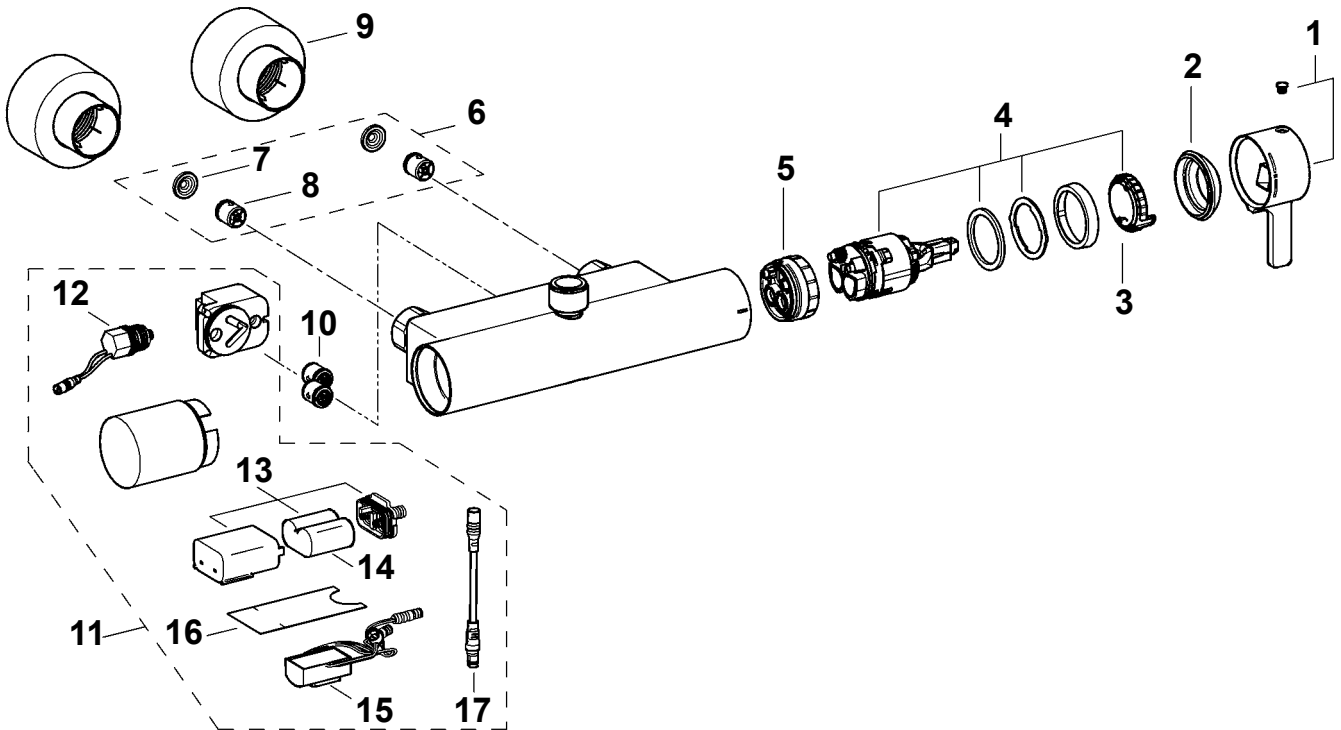


## 17. Ersatzteile

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.....2030068665 ASLT2001	7.....2000104706 <sup>b)</sup> ASXX9011	13...2000109466 ZAQCT0003
2.....2030066566 ASLT9001	8.....2000104687 <sup>a)</sup> ASXX9010	14...2000104846 EPRTR0008
3.....2030070018 ASLT9004	9.....2030046777 <sup>a)</sup> ASXX9003	15...2030041485 ASLM9001
4.....2030066567 ASLT9002	10...2030061083 <sup>a)</sup> ASXX9009	16...2030053034 <sup>b)</sup> ASET2010
5.....2030070354 ASLT9005	11...2030039446 ACLM9001	17...2030055550 ACEX9012
6.....2030003401 EAQLT0009	12...2030003033 EAQFU0001	

EN a) 2 pieces  
b) 10 pieces

ES a) 2 piezas  
b) 10 piezas

PL a) 2 sztuk  
b) 10 sztuk

FI a) 2 kappaletta  
b) 10 kappaletta

DE a) 2 Stück  
b) 10 Stück

IT a) 2 pezzi  
b) 10 pezzi

SV a) 2 styck  
b) 10 styck

RU a) 2 штук  
b) 10 штук

FR a) 2 pièces  
b) 10 pièces

NL a) 2 stuk  
b) 10 stuk

CS a) 2 kusů  
b) 10 kusů

# 18. Zubehör

EN Accessories  
 FR Accessoire  
 ES Accesorios  
 IT Accessori

NL Toebehoren  
 PL Akcesoria  
 SV Tillbehör

CS Příslušenství  
 FI Lisävarusteet  
 RU принадлежности

1..... 2030036654  
 ACEX9005

2..... 2030036849  
 ACEX9004

3..... 2030021283  
 SHAC0008

4..... 2000103757  
 AQUA757

5..... **X=150 mm:**  
 2030050434  
 ACXX2005  
**X=500 mm:**  
 2030050435  
 ACXX2006

6..... 2030041525  
 ACXX2003

7..... 2030003033  
 EAQFU0001

8..... 2030041561  
 ACXX2004

9..... 2030047203  
 ACXX9003

10... 2030067601  
 ACLT1001

11... 2030067705  
 ACLT1002

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