

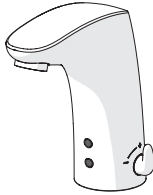
HANSAELECTRA

INSTALLATION AND MAINTENANCE GUIDE



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6443 2219, 6443 2219 0074, 6443 2009, 6443 2009 0074, 6442 1109:



HANSA App



hansa.com/hansa-app

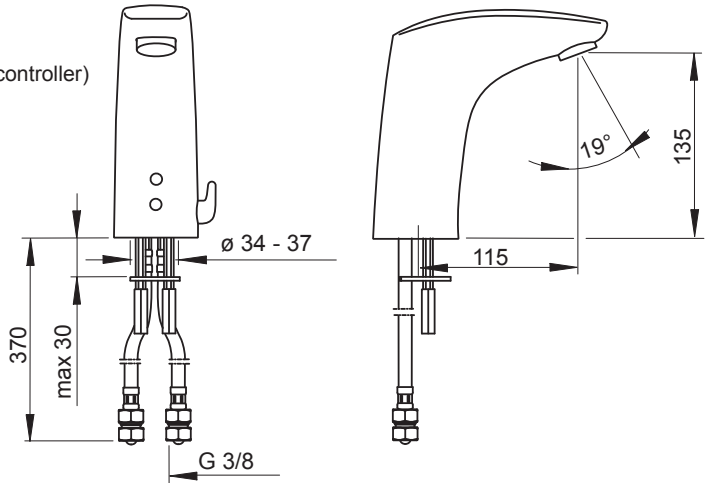
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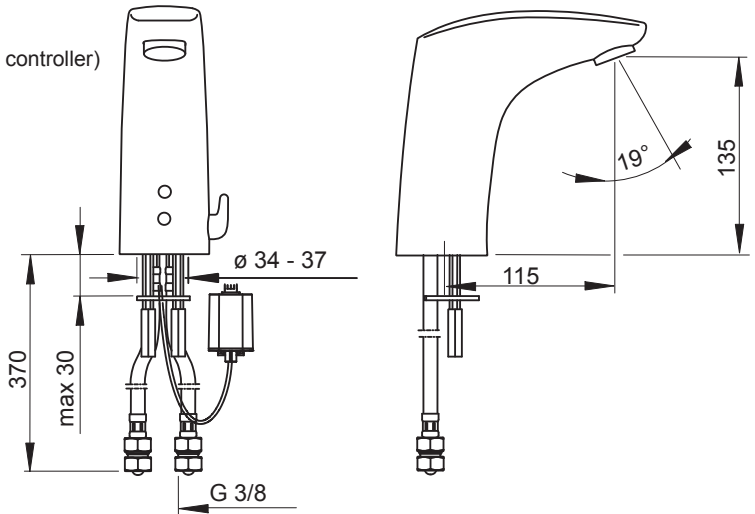
6443 2210, 6443 2211

EN 15091
100 - 1000 kPa
0.1 l/s (300 kPa) (with flow controller)
200 kPa (0.1 l/s)
max. +70°C
IP 67
Lithium 2CR5 6V



6443 2219

EN 15091
100 - 1000 kPa
0.1 l/s (300 kPa) (with flow controller)
200 kPa (0.1 l/s)
max. +70°C
IP 67
Lithium 2CR5 6V



6443 2000, 6443 2001, 6443 2009

EN 15091

100 - 1000 kPa

0.1 l/s (300 kPa) (with flow controller)

200 kPa (0.1 l/s)

max. +70°C

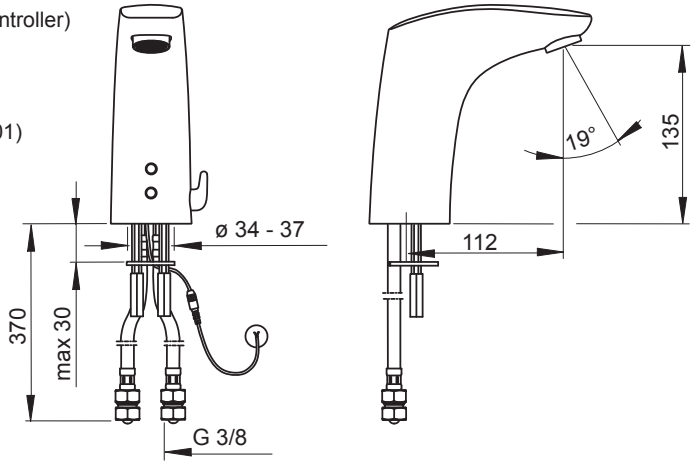
IP 67

12VDC (6443 2000, 6443 2001)

9/12VDC (6443 2009)

 **Bluetooth®**

(6443 2009)



6442 1109

EN 15091

100 - 500 kPa

0.1 l/s (300 kPa) (with flow controller)

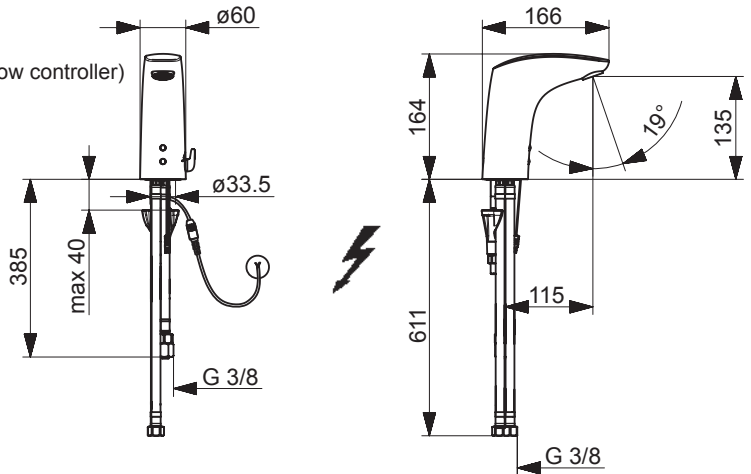
200 kPa (0.1 l/s)

max. +70°C

IP 67

9/12VDC

 **Bluetooth®**



6443 2219 0074

EN 15091

100 - 1000 kPa

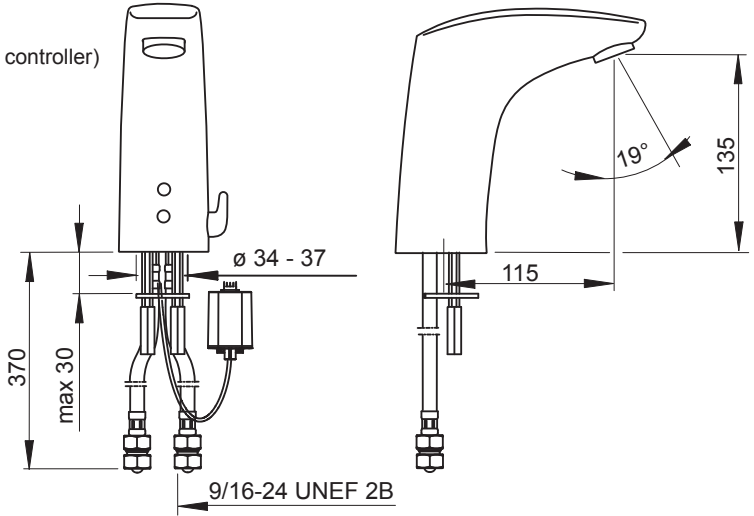
0.1 l/s (300 kPa) (with flow controller)

200 kPa (0.1 l/s)

max. +70°C

IP 67

Lithium 2CR5 6V



6443 2009 0074

EN 15091

100 - 1000 kPa

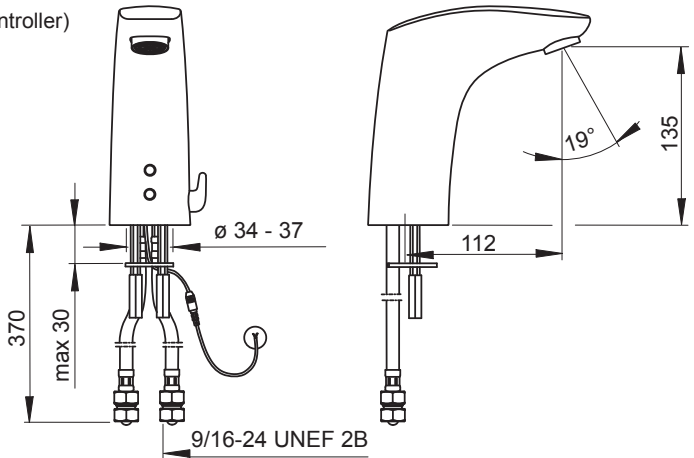
0.1 l/s (300 kPa) (with flow controller)

200 kPa (0.1 l/s)

max. +70°C

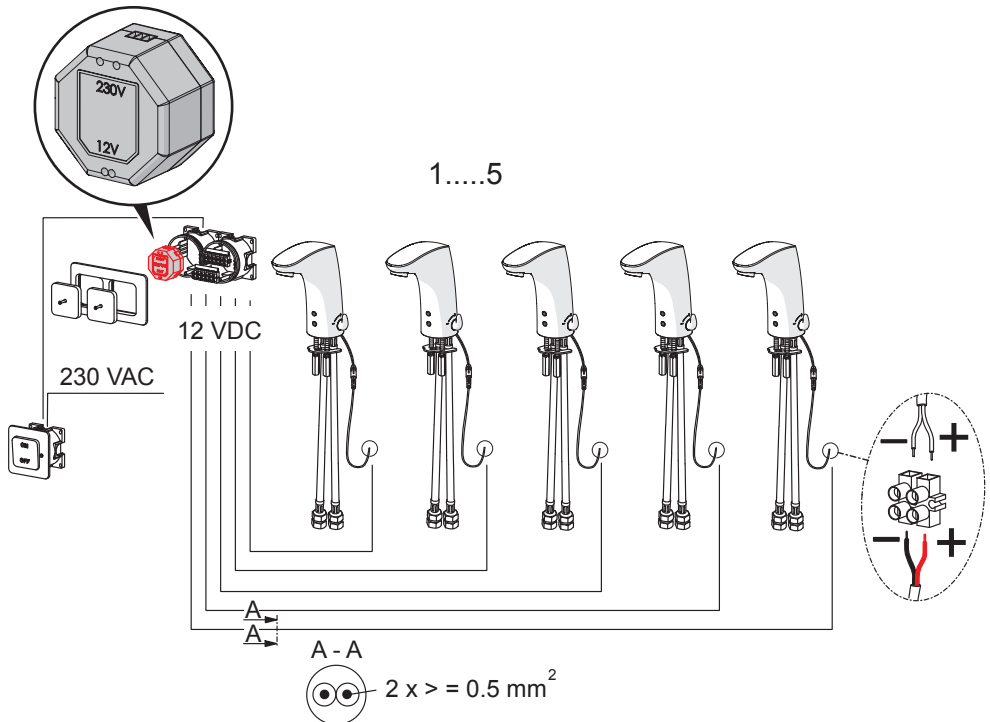
IP 67

9/12VDC



- GB** Power supply requirement: Power supply output must be short circuit protected.
- CZ** Požadavky týkající se napájecího zdroje: Výstup napájecího zdroje musí být chráněn proti zkratu.
- DE** Stromversorgungsvoraussetzungen: Stromversorgungsspannung muss kurzschlussgeschützt sein.
- DK** Krav til strømforsyning: Strømforsyningsudgang skal være kortslutningsbeskyttet.
- ES** Requisitos del suministro eléctrico: el suministro eléctrico debe estar protegido contra cortocircuitos.
- FI** Vaatimukset virtälähteelle: Virtälähteen ulostulon tulee olla oikosulkusuojattu.
- FR** Unité d'alimentation électrique: La sortie de l'unité d'alimentation oit être protégée contre le court-circuit.
- IT** Requisiti dell'alimentazione: L'uscita deve essere protetta da cortocircuiti.
- NL** Vereisten voor de voeding: De uitgang van de voeding moet beschermd zijn tegen kortsluitingen.
- NO** Krav til strømforsyning: Strømforsyningsspenning må være kortslutningssikret.
- PL** Wymagania w stosunku do zasilacza: Zasilacz musi być wyposażony w zabezpieczenie przeciwzwarciowe.
- RU** Требования к источнику тока: Выход источника тока защищен от короткого замыкания.
- SE** Krav på matningsdon: Utspänningen skall vara kortslutningssäker.
- SK** Požiadavka na napájanie: Výstup napájania musí byť chránený voči zkratu.

Hansa 6499 0100



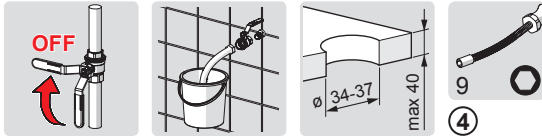
Installation

CZ Montáž
DE Montage
DK Installation
ES Montaje

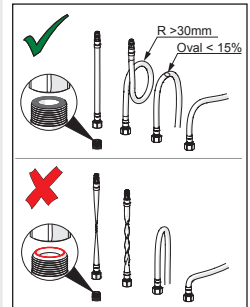
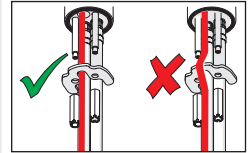
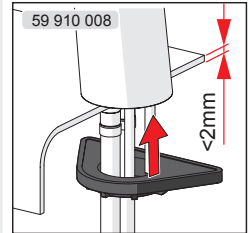
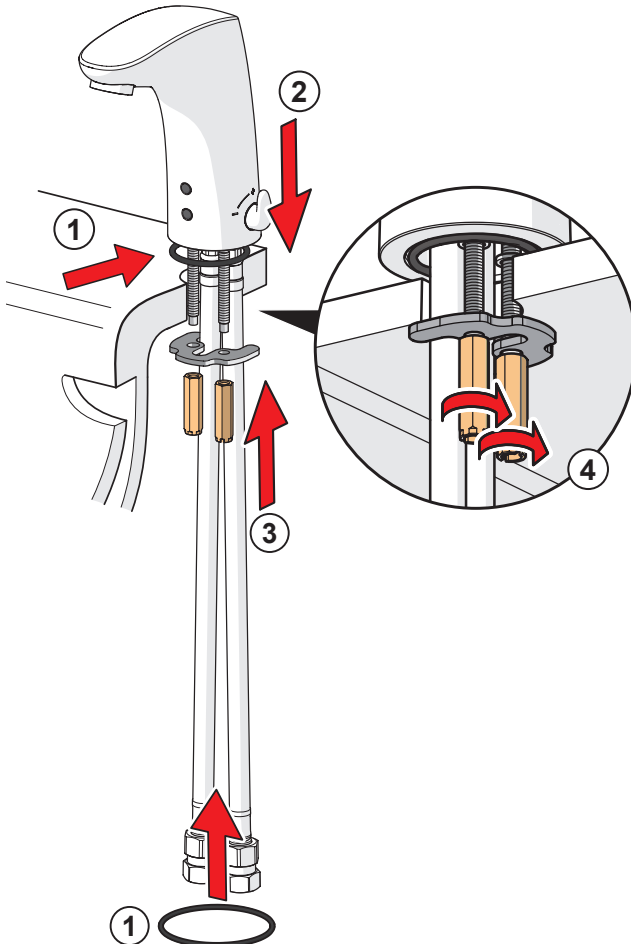
FI Asennus
FR Installation
GR Συναρμολόγηση
HU Szerelés

IT Montaggio
NL Installatie
NO Montering
PL Instalacja

PT Instruções
RU Установка
SE Installation
SK Inštalácia



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6443 2000, 6443 2001, 6443 2009, 6443 2009 0074



Installation

CZ Montáž

DE Montage

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NL Installatie

NO Montering

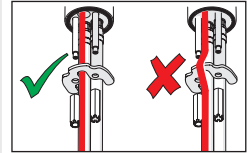
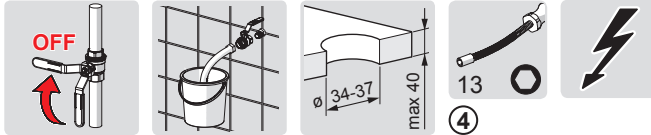
PL Instalacja

PT Instruções

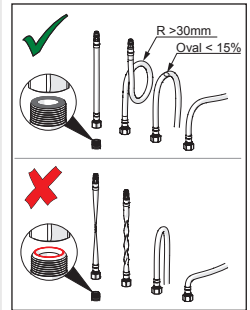
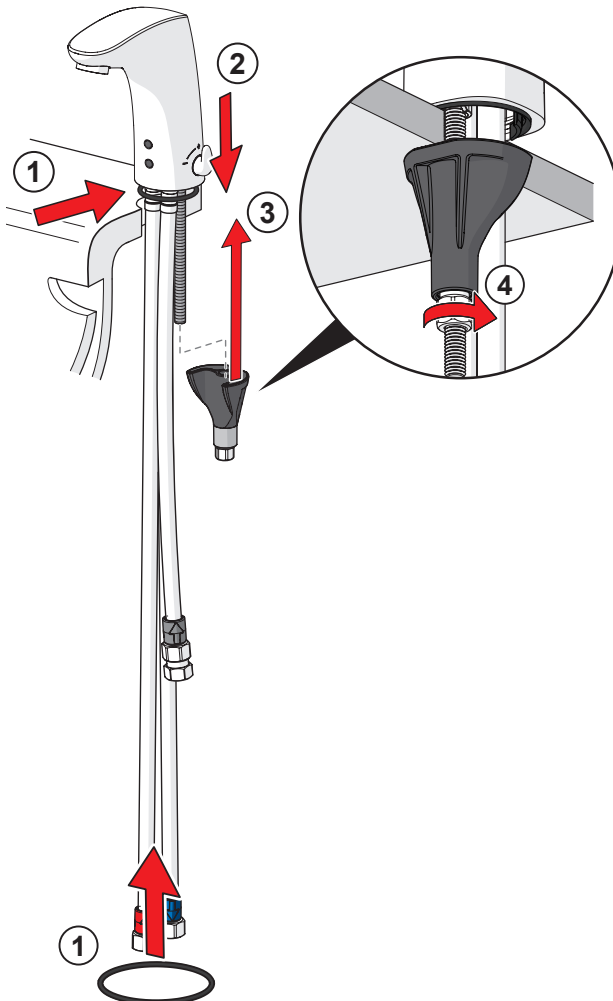
RU Установка

SE Installation

SK Inštalácia



1 6442 1109



Installation

CZ Montáž

DE Montage

DK Installation

ES Montaje

FI Asennus

FR Installation

GR Συναρμολόγηση

HU Szerelés

IT Montaggio

NL Installatie

NO Montering

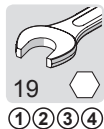
PL Instalacja

PT Instruções

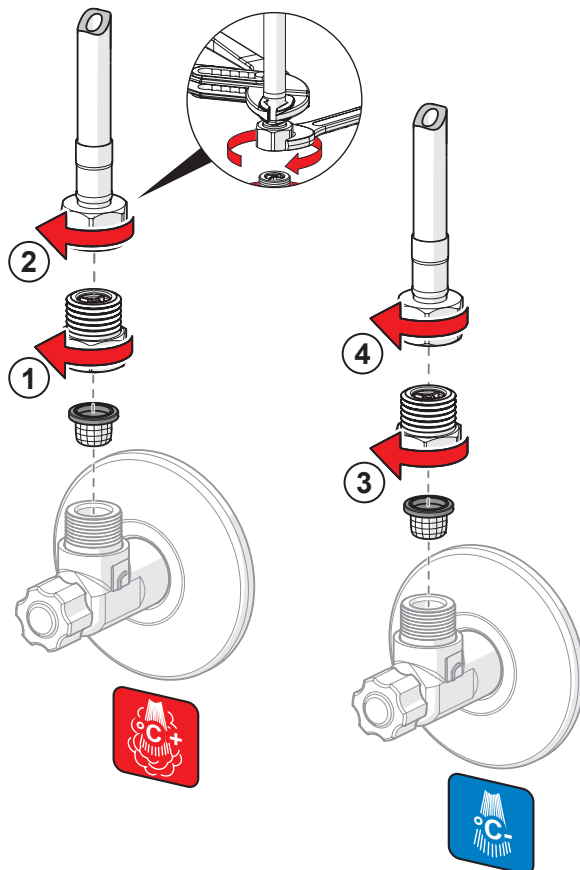
RU Установка

SE Installation

SK Inštalácia



- 2** 6443 2210, 6443 2211, 6443 2219, 6443 2219 0074
6443 2000, 6443 2001, 6443 2009, 6443 2009 0074



Installation

CZ Montáž

DE Montage

DK Installation

ES Montaje

FI Asennus

FR Installation

GR Συναρμολόγηση

HU Szerelés

IT Montaggio

NL Installatie

NO Monterings

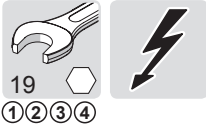
PL Instalacja

PT Instruções

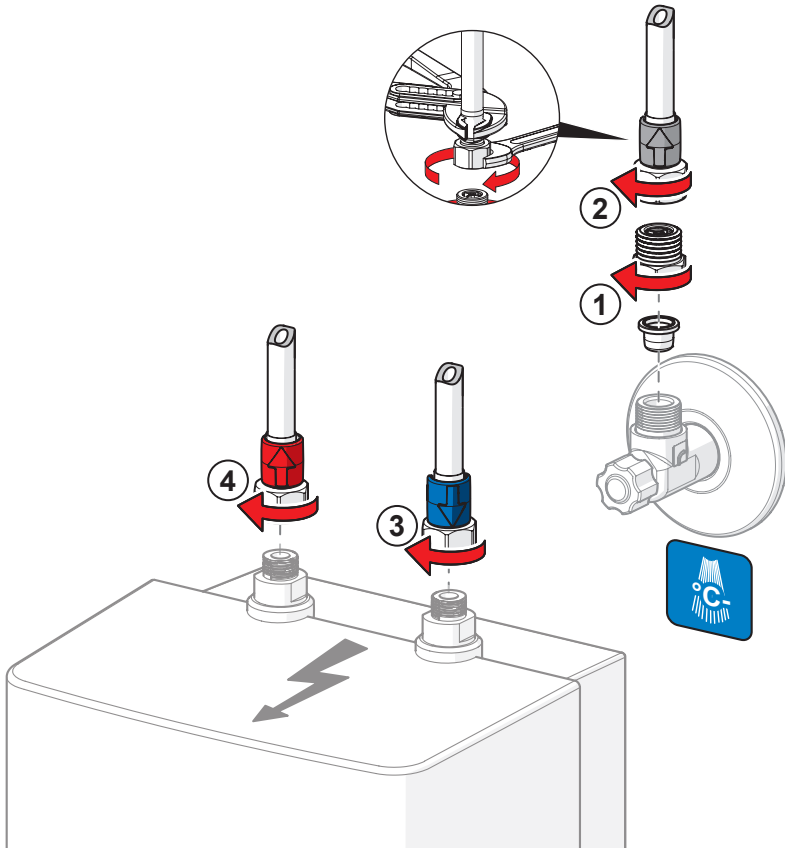
RU Установка

SE Installation

SK Inštalácia



2 6442 1109



Installation

CZ Montáž

DE Montage

DK Installation

ES Montaje

FI Asennus

FR Installation

GR Συναρμολόγηση

HU Szerelés

IT Montaggio

NL Installatie

NO Montering

PL Instalacja

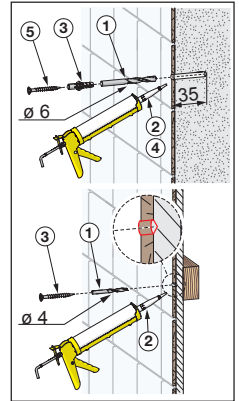
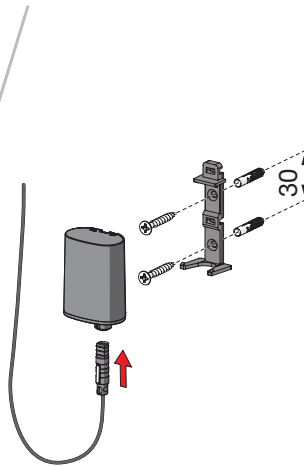
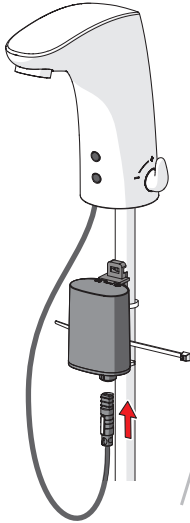
PT Instruções

RU Установка

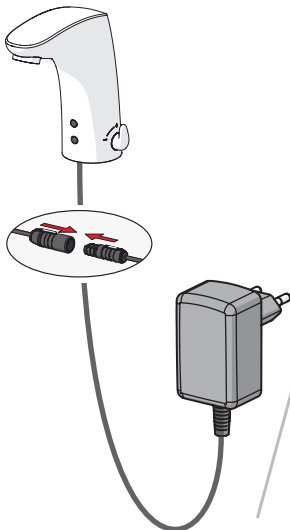
SE Installation

SK Inštalácia

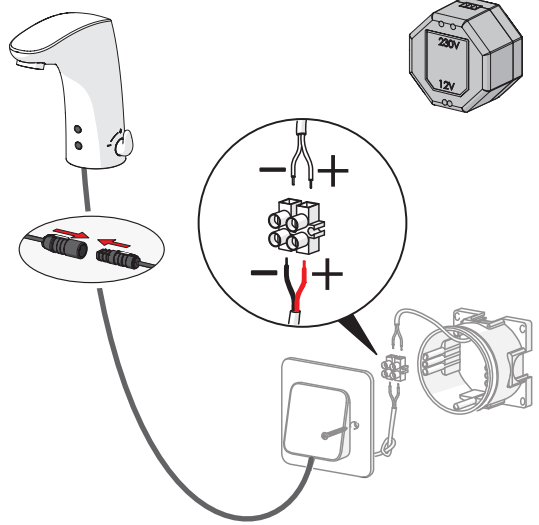
3 A 6443 2219, 6443 2219 0074



3 B



3 C



6499 0100

Installation

CZ Montáž

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DK Installation

ES Montaje

FI Asennus

FR Installation

GR Συναρμολόγηση

HU Szerelés

IT Montaggio

NL Installatie

NO Montering

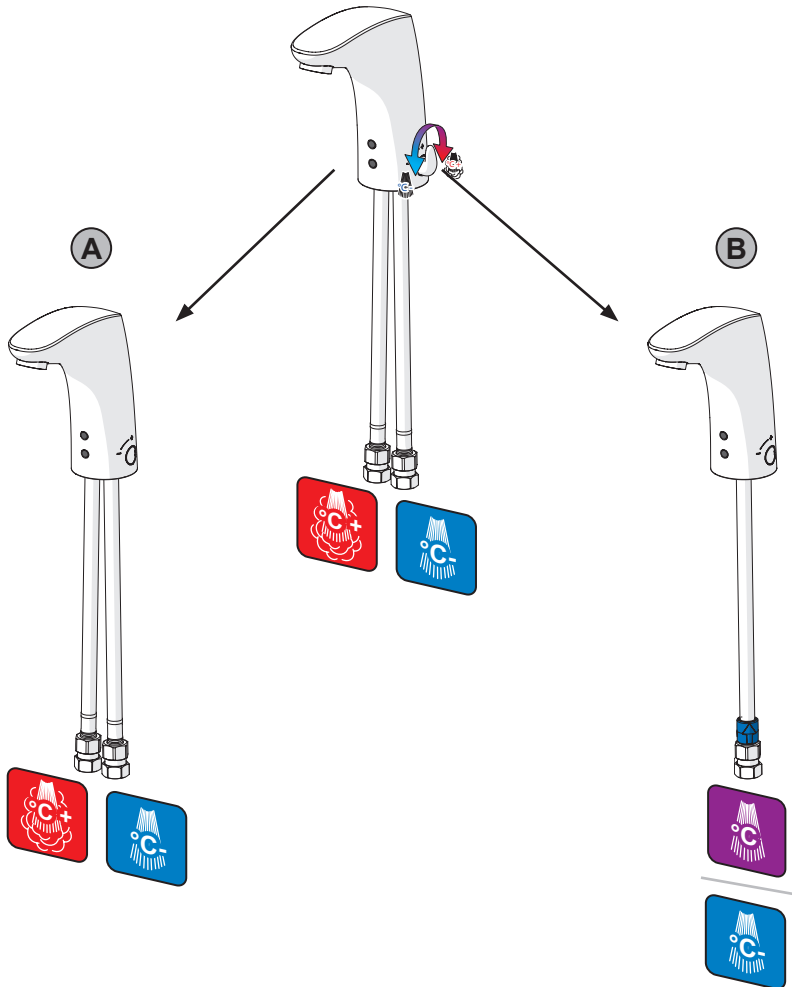
PL Instalacja

PT Instruções

RU Установка

SE Installation

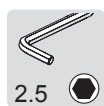
SK Inštalácia



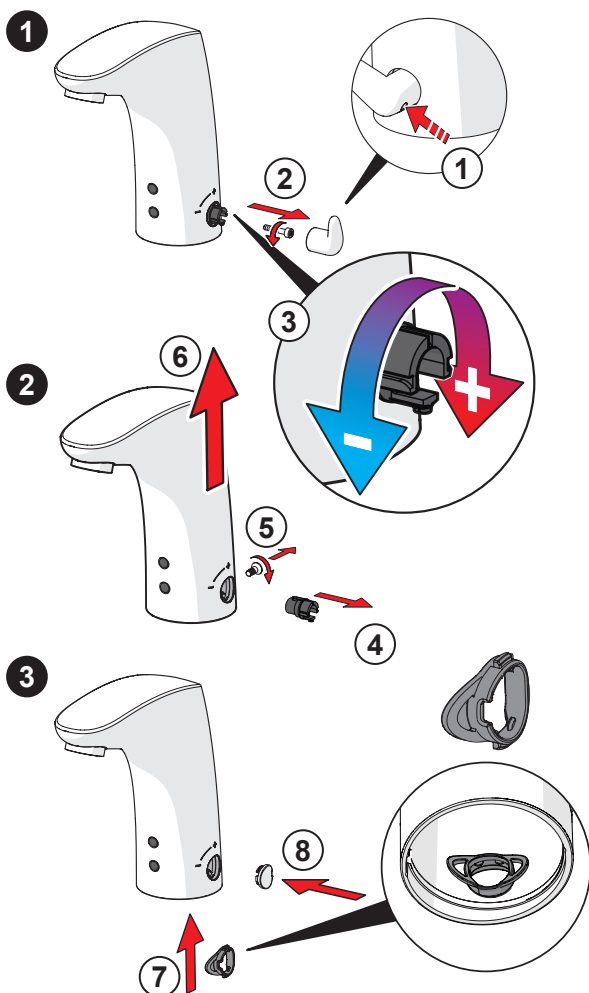
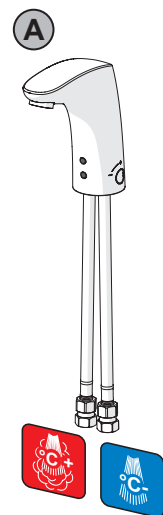
Modified for preset water temperature

CZ Modifikace pro předem nastavenou teplotu vody
DE Umgebaut für voreingestellte Wassertemperatur
DK Med fast indstillet temperatur
ES Remodelado para agua de temperatura preajustada
FI Esiasetetun lämpötilan versio
FR Pour température pré-réglée
GR Με τροποποίηση για προκαθορισμένη θερμοκρασία νερού
HU Beállított vízhőmérséklethez módosított

IT Modificato per temperatura dell' acqua preselezionata
NL Aangepast voor ingestelde watertemperatuur
NO Uten temperaturratt og med forinnstilt temperatur i kranen
PL Przebudowany, z niedostępnyim uchwytem regulującym temperaturę
PT Modificado para temperatura da água predefinida
RU С предварительно заданной температурой
SE Modifierad för förinställd blandningstemperatur
SK Upravené na prednastavenú teplotu vody



① ②



Modified for pre-mixed water

CZ Modifikace pro předem smíšenou vodu

DE Umgebaut für vorgemischtes oder kaltes Wasser

DK Til forblandet vand

ES Remodelado para agua premezclada o fría

FI Versio esisekoitetulle vedelle

FR Pour eau pré-mélangée

GR Με τροποποίηση για προαναμιγμένο νερό

HU Előkevert vízhez módosított

IT Modificato per acqua premiscelata o acqua fredda

NL Aangepast voor voorgemengd water

NO Uten temperaturratt og med sentralt forinnstilt temperatur

PL Przebudowany, z podłączeniem na wodę zmieszaną

PT Modificado para água pré-misturada

RU Для предварительно смешанной воды

SE Modifierad för förblandat vatten

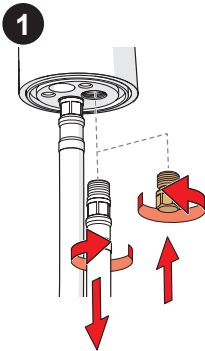
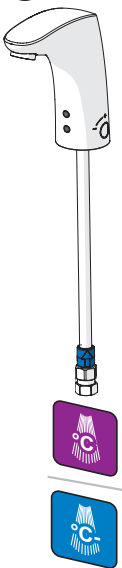
SK Upravené na vopred namiešanú vodu



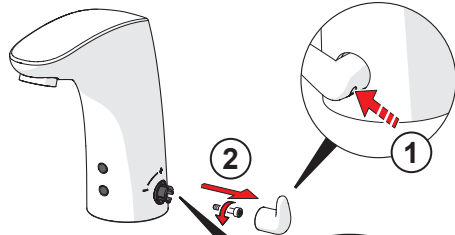
2.5

① ②

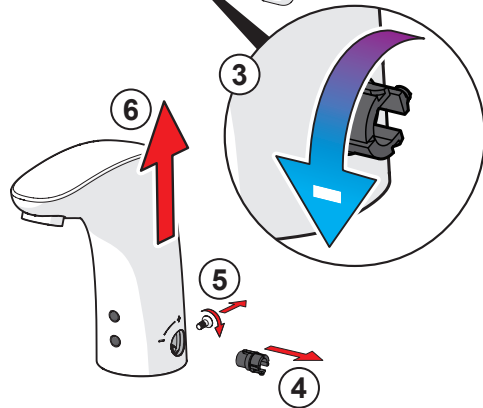
B



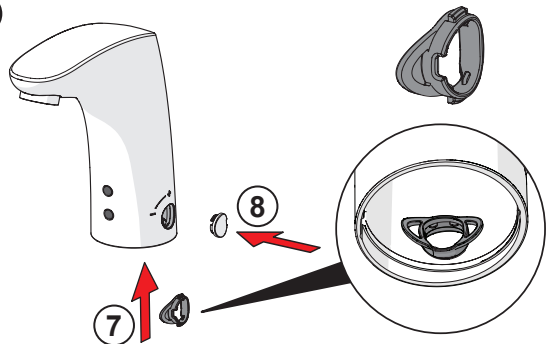
2



3



4



Operation

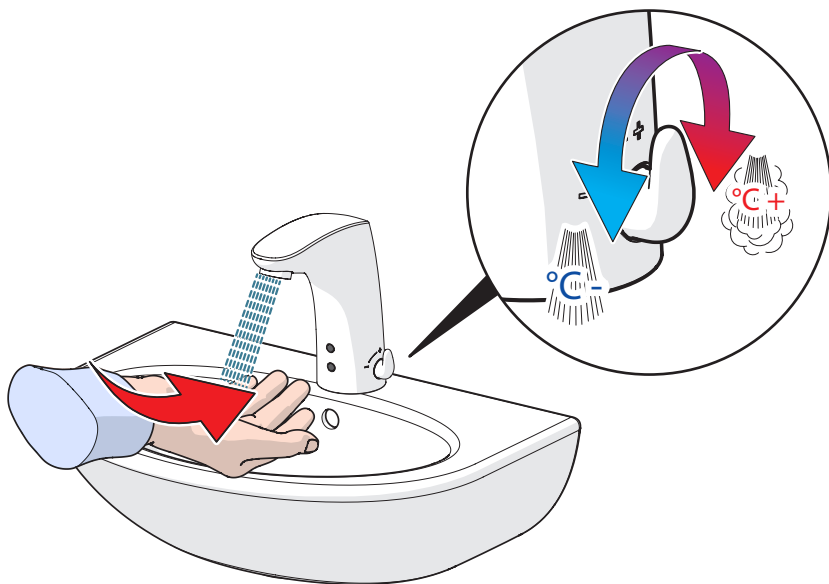
CZ Funkce
DE Funktion
DK Betjening
ES Servicio

FI Toiminta
FR Utilisation
GR Λειτουργία
HU Üzemeltetés

IT Funzionamento
NL Bediening
NO Funksjon
PL Działanie

PT Funcionamento
RU Принцип действия
SE Funktion
SK Prevádzka

Automatic



2 s ± 1 s

max. 2 min

Cleaning/changing the litter filters

CZ Čištění/Výměna filtrů

DE Reinigung/Wechsel der Filter

DK Rensning/udskiftning af filtre

ES Limpieza/cambio de los filtros

FI Roskasiivilöiden puhdistaminen/vaihtaminen

FR Nettoyage/changement des filtres

GR Καθαρισμός/αλλαγή φίλτρων απορριμμάτων

HU A szűrő tisztítása/cseréje

IT Pulizia/sostituzione dei filtri

NL Reinigen/veranderen van de filters

NO Rensning/bytting av filter

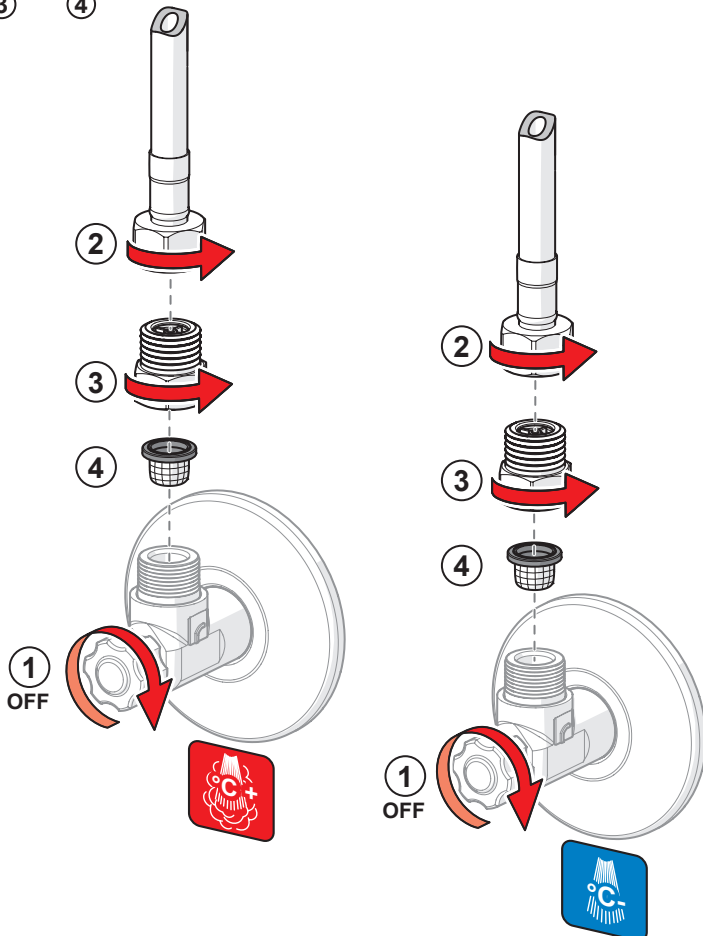
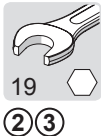
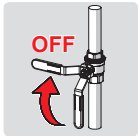
PL Czyszczenie/wymiana filtra

PT Limpar/substituir os filtros de resíduos

RU Очистка и замена уплотнительных фильтров

SE Rengöring/byte av smutsfilter

SK Čistenie/výmena odpadových filtrov



Limiting temperature

CZ Omezení teploty vody

DE Temperaturbegrenzung

DK Forindstilling af vandets max. temperatur

ES Limitación de la temperatura

FI Lämpötilan rajoitus

FR Limitation de la température

GR Περιορισμός θερμοκρασίας

HU A hőmérséklet határolása

IT Limitazione della temperatura

NL Perlator vervangent

NO Begrenzing temperatur

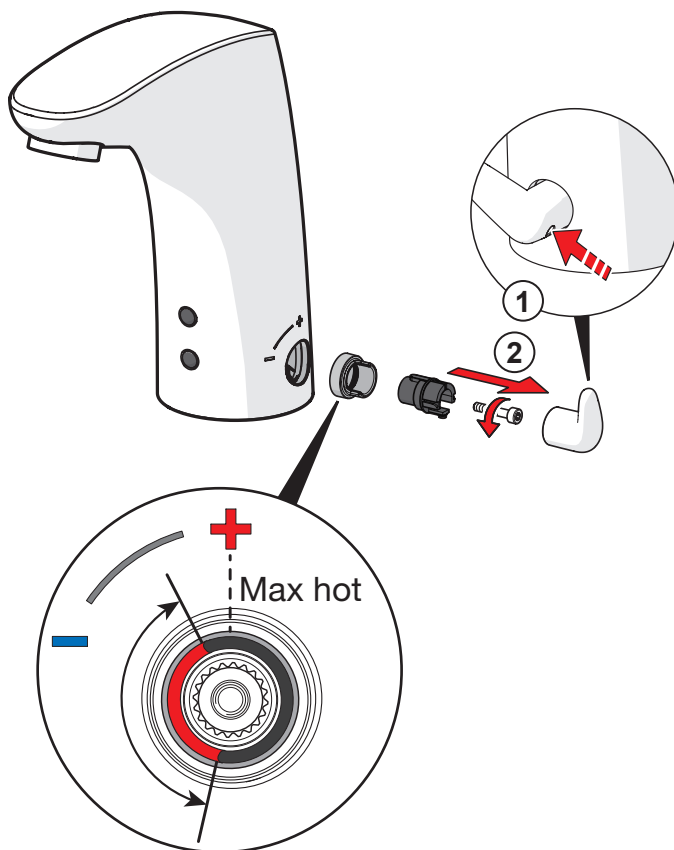
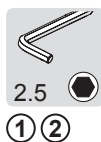
PL Ograniczenie temperatury

PT Limitar a temperatura

RU Ограничение температуры в регулирующем блоке

SE Begränsning av vattnets max. temperatur

SK Obmedzenie teploty



Changing the battery

CZ Výměna baterie

DE Wechsel der Batterie

DK Udskiftning af batteri

ES Cambiar la batería

FI Pariston vaihto

FR Changement de la pile

GR Αλλαγή μπαταρίας

HU Az akku cseréje

IT Sostituzione della batteria

NL Batterij vervangen

NO Bytting av batteri

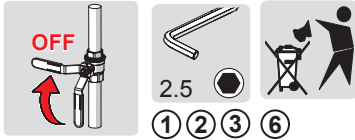
PL Wymiana baterii zasilającej

PT Substituir a bateria

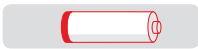
RU Замена батарейки

SE Byte av batteri

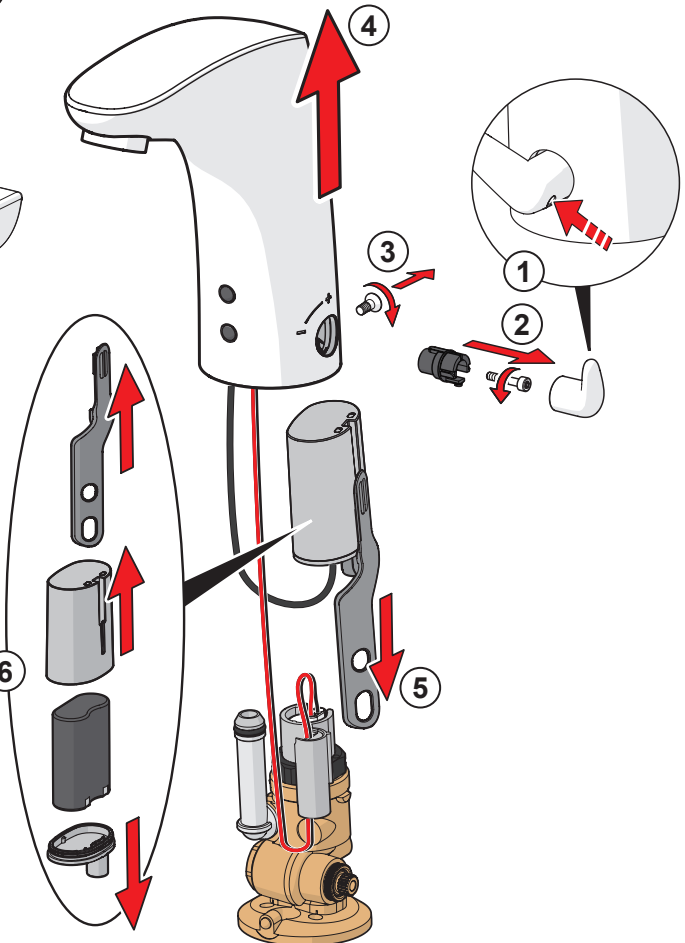
SK Výměna batérie



6443 2210, 6443 2211



Lithium
2CR5 6V



Changing the battery

CZ Výměna baterie

DE Wechsel der Batterie

DK Udskiftning af batteri

ES Cambiar la batería

FI Pariston vaihto

FR Changement de la pile

GR Αλλαγή μπαταρίας

HU Az akku cseréje

IT Sostituzione della batteria

NL Batterij vervangen

NO Bytting av batteri

PL Wymiana baterii zasilającej

PT Substituir a bateria

RU Замена батарейки

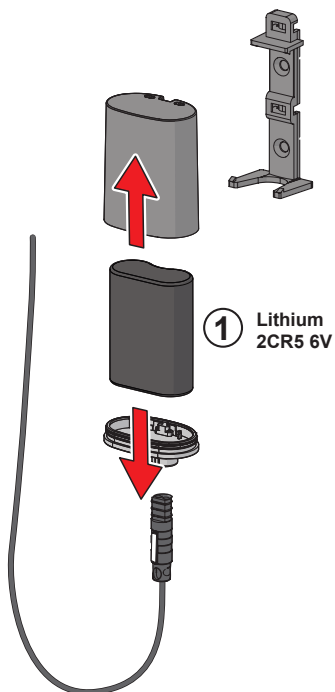
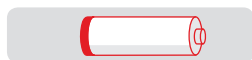
SE Byte av batteri

SK Výmena batérie



①

6443 2219, 6443 2219 0074

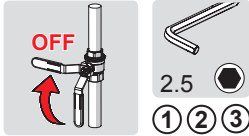


Changing the sensor

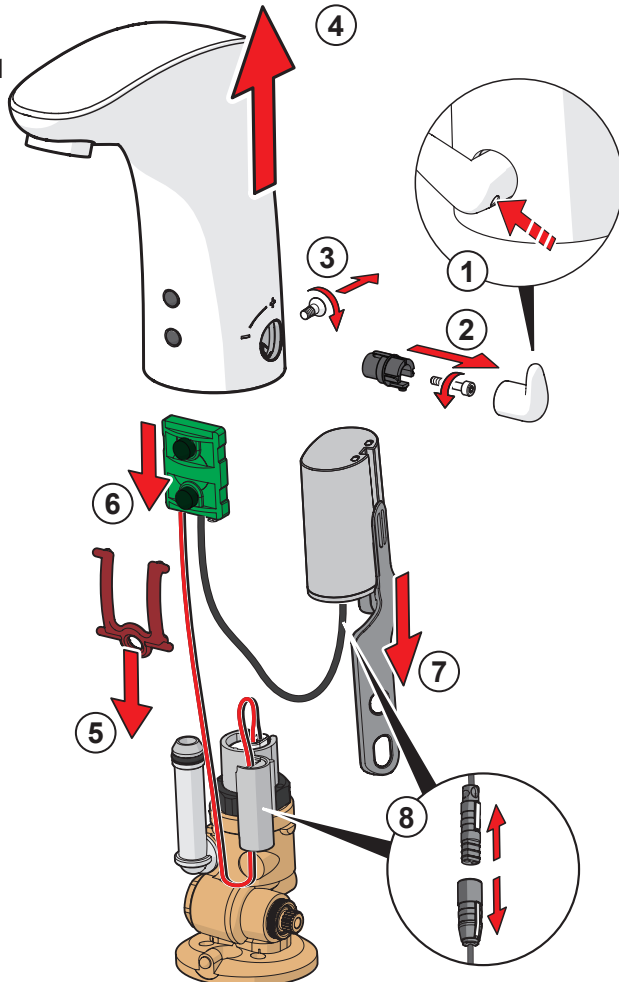
CZ Výměna elektroniky/senzoru
DE Austausch des Sensors
DK Udkiftning af sensoren
ES Cambiar el sensor
FI Sensorin vaihto
FR Changement de la cellule

GR Αλλαγή αισθητήρα
HU Az érzékelő cseréje
IT Sostituzione del sensore
NL Vervangen van de sensor
NO Bytting av sensor
PL Wymiana sensora

PT Substituir o sensor
RU Замена датчика, модели
SE Byte av sensor
SK Výměna senzora



6443 2210, 6443 2211
 6443 2000, 6443 2001

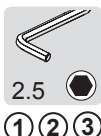
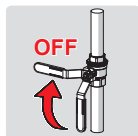


Changing the sensor

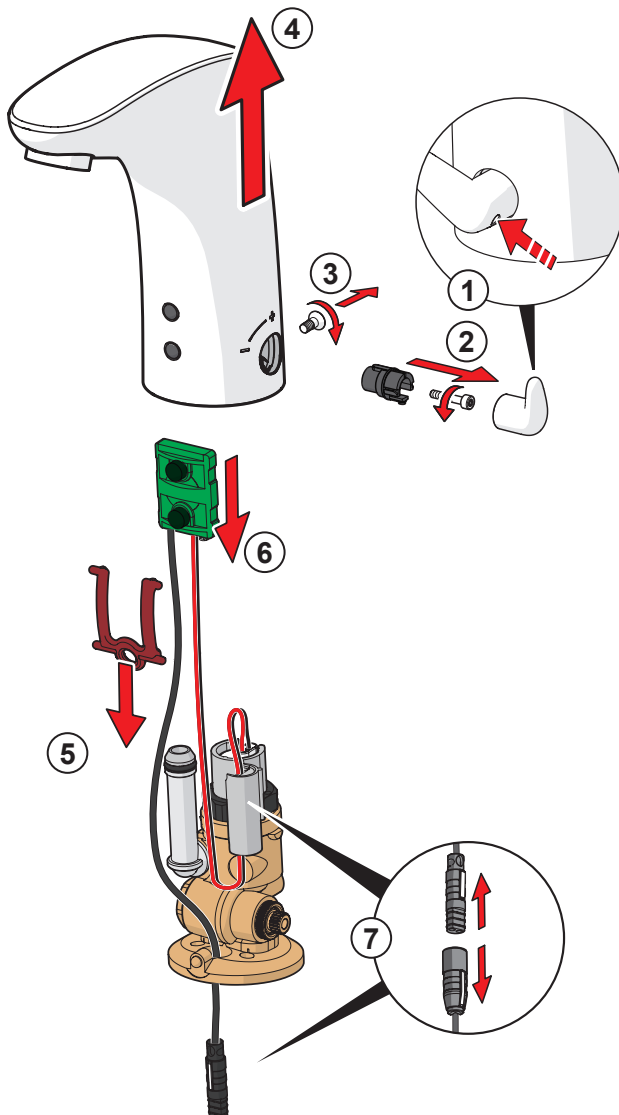
CZ Výměna elektroniky/senzoru
DE Austausch des Sensors
DK Udskiftning af sensoren
ES Cambiar el sensor
FI Sensorin vaihto
FR Changement de la cellule

GR Αλλαγή αισθητήρα
HU Az érzékelő cseréje
IT Sostituzione del sensore
NL Vervangen van de sensor
NO Bytting av sensor
PL Wymiana sensora

PT Substituir o sensor
RU Замена датчика, модели
SE Byte av sensor
SK Výměna senzora



6443 2219, 6443 2219 0074
 6443 2009, 6443 2009 0074
 6442 1109



Changing the temperature regulator

CZ Výměna regulátor teploty

DE Austausch des Temperatureinstellgriffes

DK Udsiftning af temperatur reguleringsdel

ES Sustitución del juego de regulación de temperatura

FI Lämmönsäätimen vaihto

FR Remplacement de la tête de réglage de la température

GR Αλλαγή ρυθμιστή θερμοκρασίας

HU A termosztát cseréje

IT Sostituzione del regolatore di temperatura

NL Vervangen van de temperatuur regeling

NO Bytting av temperaturreguleringsdel

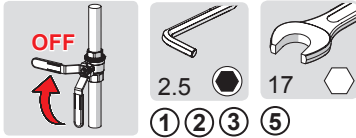
PL Wymiana regulatora temperatury

PT Substituir o regulador da temperatura

RU Замена регулятора температуры

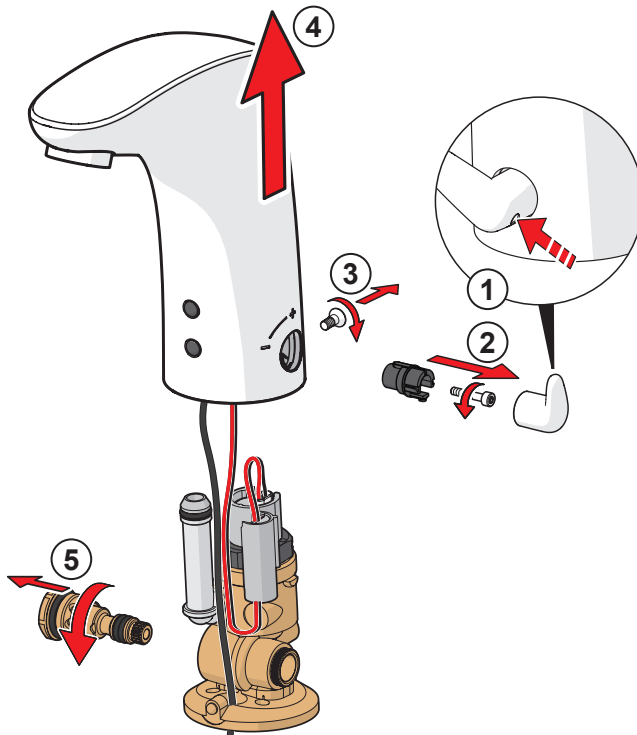
SE Byte av blandningsventil

SK Výměna regulátora teploty



6443 2210, 6443 2211, 6443 2219, 6443 2219 0074

6443 2000, 6443 2001, 6443 2009, 6443 2009 0074



Changing the temperature regulator

CZ Výměna regulátor teploty

DE Austausch des Temperatureinstellgriffes

DK Udskiftning af temperatur reguleringsdel

ES Sustitución del juego de regulación de temperatura

FI Lämmönsäätimen vaihto

FR Remplacement de la tête de réglage de la température

GR Αλλαγή ρυθμιστή θερμοκρασίας

HU A termosztát cseréje

IT Sostituzione del regolatore di temperatura

NL Vervangen van de temperatuur regeling

NO Bytting av temperaturreguleringsdel

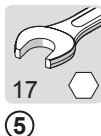
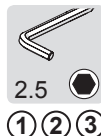
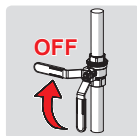
PL Wymiana regulatora temperatury

PT Substituir o regulador da temperatura

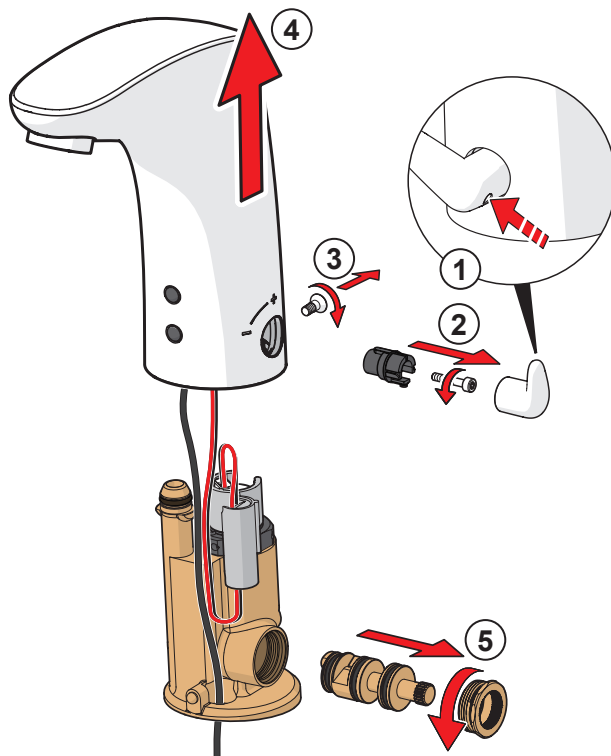
RU Замена регулятора температуры

SE Byte av blandningsventil

SK Výměna regulátora teploty



6442 1109



Servicing the solenoid valve

CZ Servis solenoidového ventilu

DE Wartung der Magnetventil

DK Rensning/udskiftning af magnetventilens

ES Cambiar la válvula magnética

FI Magneettiventtiilin vaihto

FR Changement de l'électrovanne

GR Σέρβις ηλεκτρομαγνητικής βαλβίδας

HU A mágnesszelep szervizelése

IT Sostituzione della valvola magnetica

NL Vervanging van de magneetventiel

NO Bytting av magnetventil

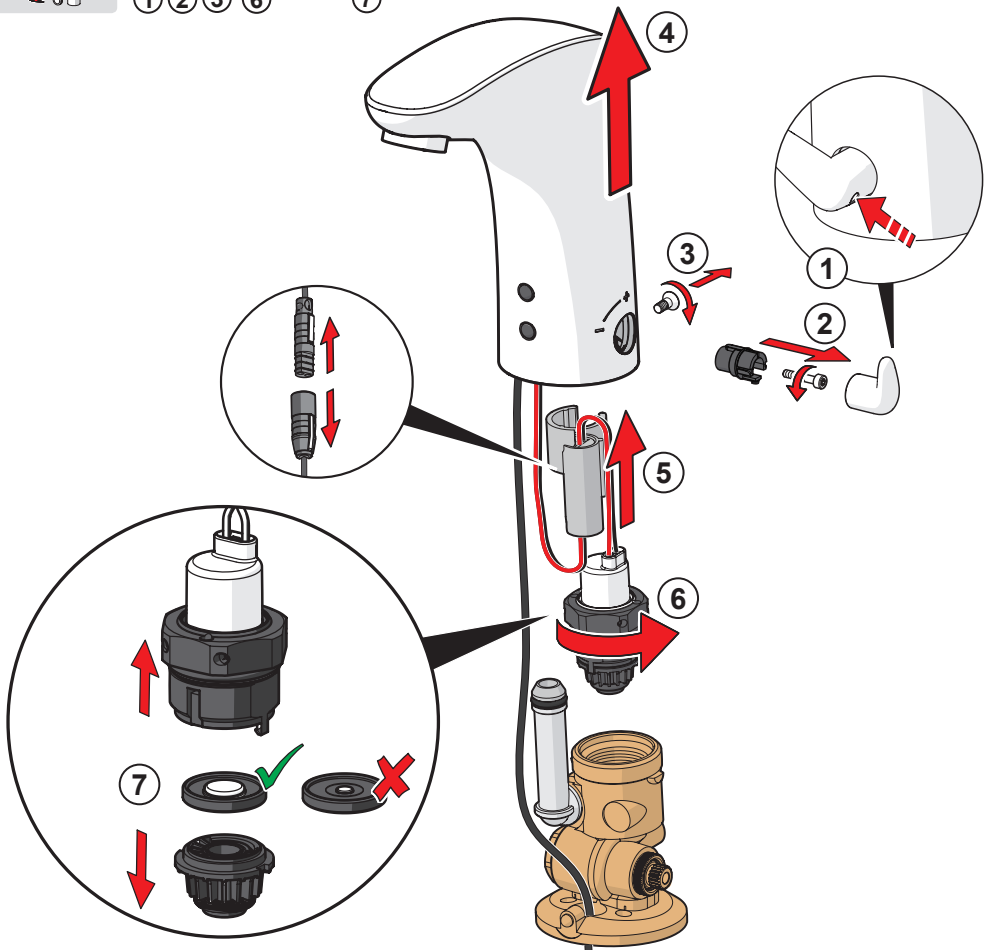
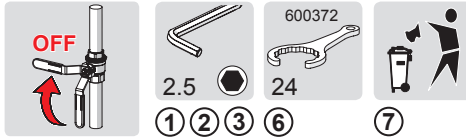
PL Wymiana zaworu solenoidowego

PT Assistência para a válvula solenoide

RU Замена электромагнитного клапана

SE Byte av magnetventil

SK Výmena elektromagnetického ventilu



Cleaning the faucet

CZ Čištění baterie

DE Reinigung der Armatur

DK Rengøring af armaturet

ES Limpieza de la grifería

FI Puhdistus

FR Nettoyage du robinet

GR Καθαρισμός του βρύση

HU Takarítás a csapot

IT Pulizia della rubinetteria

NL Reinigen van de kraan

NO Rengjøring av kranen

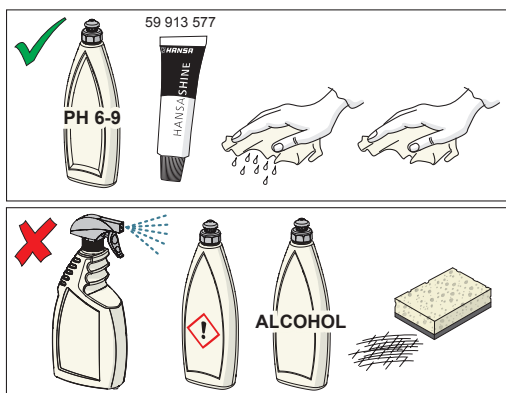
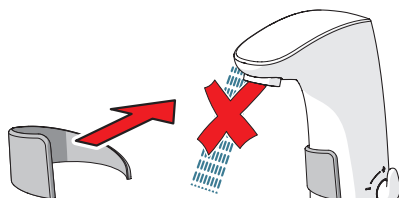
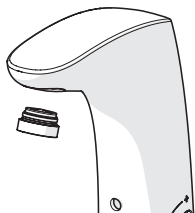
PL Czystczenie baterii

PT Limpeza da torneira

RU Чистка смесителя

SE Rengöring av blandarna

SK Čistenie vodovodnej batérie

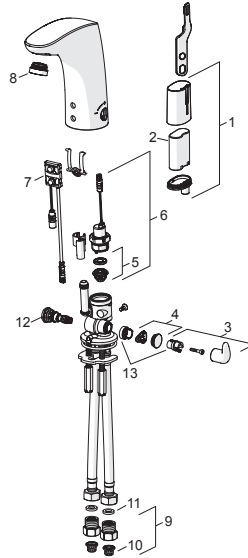


Spare parts

CZ Náhradní díly	FI Varaosat	NL Reserveonderdelen	RU Запасные части
DE Ersatzteile	FR Pièces détachées	NO Reservedeler	SE Reservdelar
DK Reservedele	HU Alkatrészek	PL Części zamienne	SK Náhradné diely
ES Piezas de recambio	IT Pezzi di ricambio	PT Peças de reposição	

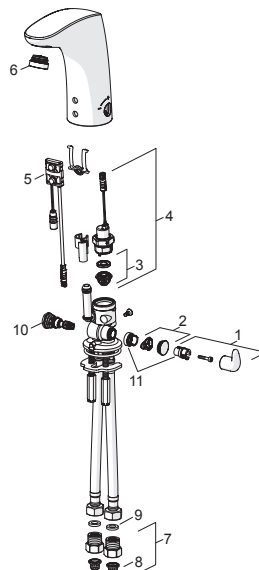
6443 2210, 6443 2211, 6443 2219, 6443 2219 0074

1	59 914 088
2	59 911 670
3	59 914 100
4	59 914 104
5	59 914 090
6	59 914 091
7	59 914 107 (6443 2210)
7	59 914 580 (6443 2211)
7	59 914 567 (6443 2219, 6443 2219 0074)
8	59 914 105
9	59 914 086
10	59 914 085
11	59 914 087
12	59 914 089
13	59 914 106



6443 2000, 6443 2001, 6443 2009, 6443 2009 0074

1	59 914 100
2	59 914 104
3	59 914 090
4	59 914 091
5	59 914 098 (6443 2000)
5	59 914 229 (6443 2001)
5	59 914 567 (6443 2009, 6443 2009 0074)
6	59 914 105
7	59 914 086
8	59 914 085
9	59 914 087
10	59 914 089
11	59 914 106

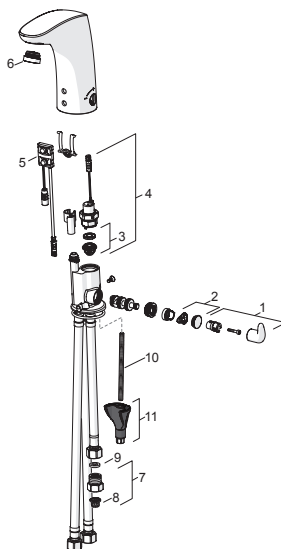


Spare parts

CZ Náhradní díly	FI Varaosat	NL Reserveonderdelen	RU Запасные части
DE Ersatzteile	FR Pièces détachées	NO Reservedeler	SE Reservdelar
DK Reserverdele	HU Alkatrészek	PL Części zamienne	SK Náhradné diely
ES Piezas de recambio	IT Pezzi di ricambio	PT Peças de reposição	

6442 1109

1	59 914 100
2	59 914 104
3	59 914 090
4	59 914 091
5	59 914 567
6	59 914 607
7	59 914 086
8	59 914 085
9	59 914 087
10	59 914 474
11	59 914 475



Oras Group is a powerful European provider of sanitary fittings: the market leader in the Nordics and a leading company in Continental Europe. The company's mission is to make the use of water easy and sustainable and its vision is to become the European leader of advanced sanitary fittings. Oras Group has two strong brands, Oras and Hansa.

The head office of the Group is located in Rauma, Finland, and the Group has four manufacturing sites: Burglengenfeld (Germany), Kralovice (Czech Republic), Olesno (Poland) and Rauma (Finland). Oras Group employs approximately 1400 people in twenty countries. Oras Group is owned by Oras Invest, a family company and an industrial owner.

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