Safety instructions

Hydro Solo-E, Hydro Solo-E Optimum

Hydro Solo-E Optimum
Quick guide
http://net.grundfos.com/qr/i/99838821

Hydro Solo-E
Quick guide
http://net.grundfos.com/qr/i/98475844

CRE, CRIE, CRNE, SPKE, MTRE, CME, BMS
Installation and operating instructions
(all available languages)
http://net.grundfos.com/qr/i/92898118

Hydro Solo-E, Hydro Solo-E Optimum
Installation and operating instructions
(all available languages)
http://net.grundfos.com/qr/i/93277869

GRUNDFOS

Hydro Solo-E, Hydro Solo-E Optimum

English (US)

Safety instructions 4
Australian cyber security act 12
EU declaration of conformity 13
Moroccan declaration of conformity 17

English (US) Safety instructions

General information

This appliance shall not be used by children.

Children shall not play with the appliance.

Cleaning and user maintenance shall not be carried out by children.

Appliances can be used by persons with reduced physical, sensory, or mental capabilities, as well as persons with a lack of experience and knowledge. This requires that they are given supervision or instruction concerning the use of the appliance in a safe way and that they understand the hazards involved.

Read this document and the online version of the installation and operating instructions before you install the product. Installation and operation must comply with local regulations and accepted codes of good practice.

Intended use of the product

Only use the product according to the specifications stated in the installation and operating instructions.

Pumped liquids

The product is suitable for pumping clean, thin, non-aggressive and non-explosive liquids without any solid particles or fibres, such as:

- drinking or tap water
- rainwater and groundwater
- river and lake water
- boiler feed water and district heating water
- chlorinated water
- softened water.

Do not use the product for transfer of diesel oil or other oil-containing liquids. Sand and other impurities in the water can cause wear to the pump.

Cybersecurity

The product must only be connected to protected network subnets with strict access control.

According to the standard EN 18031-1:2024, the RJ45 connector used for connecting to IP networks is considered an exposed network interface, along with the GENIbus TCP protocol used on it, which is considered an exposed service.

Radio module

CAUTION
Radiation
Minor or moderate personal injury

- Locate the product at a minimum distance of 20 cm from any body parts. Human tissue may be heated by RF energy.

Installers and end-users must be provided with these installation and operating instructions and operating conditions to ensure compliance with RF exposure regulations.

Battery

WARNING
Intoxication or risk of chemical burn
Death or serious personal injury

- The battery can cause severe or fatal injuries in 2 hours or less if it is swallowed or placed inside any part of the body. In such an event, seek medical attention immediately.

Handling the product

DANGER
Overhead load
Death or serious personal injury

- When lifting the system, do not use the eyebolts of the motors.
- Do not lift the system by the manifolds.
- Do not stand on the manifolds.

WARNING
Overhead load
Death or serious personal injury

- Use appropriate lifting equipment when placing the system.
- Do not stand under or close to the load that is lifted. Comply with local regulations.

WARNING
Crushing of feet
Death or serious personal injury

- Before you lift, make sure that the lifting equipment is capable of lifting this load, which is listed on the nameplate and on the packaging label.

WARNING
Falling objects
Death or serious personal injury
- Use lifting equipment rated for the weight of the product.
- Wear personal protective equipment.
- Keep a safe distance to the product during lifting operations.

WARNING
Back injury
Death or serious personal injury
- Use lifting equipment and follow local regulations when lifting the product.

CAUTION
Sharp element
Minor or moderate personal injury
- Wear protective gloves.

Installing the product in areas with high humidity

WARNING
Fire hazard
Death or serious personal injury
- In high humidity environments where condensation can occur, connect the product permanently to the mains supply and activate the standstill heating function.

System sizing

WARNING
Maximum system pressure exceeded
Death or serious personal injury
- The system in which Hydro Solo-E is incorporated must be designed for maximum pump pressure.

Mechanical installation

WARNING
Electric shock
Death or serious personal injury
- Switch off the power supply before you start any work on the product. Make sure that the power supply cannot be switched on accidentally.

The product must be installed in a location with access control to prevent unauthorized access to the product.

Mounting the product

WARNING
Crushing of feet
Death or serious personal injury
- Fasten the pump securely to a solid and even foundation according to the specifications in the installation and operating instructions for the pump.
- Follow the lifting instructions.

CAUTION
Radiation
Minor or moderate personal injury
- Locate the product at a minimum distance of 20 cm from any body parts. Human tissue may be heated by RF energy.

Installing the pressure tank

DANGER
Explosive environment
Death or serious personal injury
- Do not use the product if it is damaged.
- Adjust the precharge pressure in the tank to 70 % of the setpoint value.

Installation must be carried out by qualified persons and according to local regulations.

If the installation has been changed significantly, the user must test it according to the requirements of the Operational Safety Regulation before putting the product into operation.

Electrical connection

WARNING
Electric shock
Death or serious personal injury

- Before making connections in the terminal box or breaker cabinet, make sure that the power supply has been switched off for at least 5 minutes. Make sure that the power supply cannot be switched on accidentally.
- The product must be connected to an external all-pole main switch according to local regulations.
- The product must be earthed and protected against indirect contact in accordance with local regulations.
- We recommend fitting the permanent installation with an earth leakage circuit breaker (ELCB) with a tripping current less than 30 mA.
- If the power cable is damaged, it must be replaced by the manufacturer, the manufacturer's service partner or a similarly qualified person.

Protection against electric shock - indirect contact

WARNING
Electric shock
Death or serious personal injury

- Connect the product to protective earth and provide protection against indirect contact in accordance with local regulations. As the leakage current of 4 - 7.5 kW motors is greater than 3.5 mA, take extra precautions when earthing these motors.

Standards EN 50178 and BS 7671 specify the following precautions when the leakage current exceeds 3.5 mA:

- The pump must be stationary and permanently installed.
- The pump must be permanently connected to the power supply.
- The earth connection must be carried out as duplicate conductors.

Protective-earth conductors must always have a yellow and green (PE), or yellow and green, and blue (PEN) colour marking.

Additional protection

If the pump is connected to an electrical installation where an earth leakage circuit breaker (ELCB) is used as additional protection, the circuit breaker must be marked with the following symbol:

TM079177

This circuit breaker is type B.

The total leakage current of all the electrical equipment in the installation must be taken into account.

The leakage current of the motor in normal operation can be seen in the section Leakage current.

During start and at asymmetrical supply systems, the leakage current can be higher than normal and may cause the ELCB to trip.

Residual-current circuit breakers

WARNING
Electric shock
Death or serious personal injury

- This product can cause a DC current in the protective-earth conductor. If a residual current-operated protective (RCD) or monitoring (RCM) device is used for protection in case of direct or indirect contact, only an RCD or RCM of Type B is allowed on the supply side of this product.

Cable requirements

WARNING
Electric shock
Death or serious personal injury

- Switch off the power supply to the product including the power supply for the signal relays. Wait at least 5 minutes before you make any connections in the terminal box.
- Follow the wiring diagrams and local regulations.
- Use branch-circuit protection fuses.
- Comply with local regulations as to cable cross-sections.
- Use the recommended fuse size.
- Connect the cables to terminals by applying the recommended tightening torque.

WARNING
Fire hazard
Death or serious personal injury

- Comply with local regulations as to cable cross-sections.
- Use the recommended fuse size.
- Connect the cables to terminals by applying the recommended tightening torque.

Make sure that the cables are secured with cable glands providing strain relief.

Cable cross-section data for MGE motors

DANGER
Electric shock
Death or serious personal injury
- Always comply with local regulations regarding cable cross-sections.

Functional module, FM110

WARNING
Electric shock
Death or serious personal injury
- When using signal relay 1, make sure that the wires to be connected to the relays below are separated from each other by reinforced insulation in their entire lengths.

Functional module, FM310 and FM311

WARNING
Electric shock
Death or serious personal injury
- When using signal relay 1 or 2, make sure that the wires to be connected to the relays below are separated from each other by reinforced insulation in their entire lengths.

Installing a communication interface module

WARNING
Electric shock
Death or serious personal injury
- Switch off the power supply to the product including the power supply for the signal relays. Wait at least 5 minutes before you make any connections in the terminal box. Make sure that the power supply cannot be switched on accidentally.

Startup

WARNING
Rotating parts
Death or serious personal injury
- Make sure to install the coupling guards before switching on the product.

CAUTION
Cold surface
Minor or moderate personal injury
- Make sure that no one can accidentally come into contact with cold surfaces. Wear protective gloves.

CAUTION
Hot surface
Minor or moderate personal injury
- Do not touch the product while it is running.

User interfaces

WARNING
Hot surface
Death or serious personal injury
- Touch only the buttons on the operating panel. The product may be very hot.

WARNING
Electric shock
Death or serious personal injury
- If the operating panel is cracked or perforated, replace it immediately. Contact the nearest Grundfos sales company.

Grundfos GO

CAUTION
Radiation
Minor or moderate personal injury
- Locate the product at a minimum distance of 20 cm from any body parts. Human tissue may be heated by RF energy.

Working on the product

WARNING
Electric shock
Death or serious personal injury
- Before fitting add-on modules, making connections in the terminal box or breaker cabinet or starting fault finding, make sure that the power supply has been switched off for at least 5 minutes. Make sure that the power supply cannot be switched on accidentally.

Servicing the product

WARNING
Electric shock
Death or serious personal injury

- Switch off the power supply to the product including the power supply for the signal relays. Wait at least 5 minutes before you make any connections in the terminal box. Make sure that the power supply cannot be switched on accidentally.
- Tighten the cable glands to the recommended torques.
- For measuring power supply voltage, use the measuring points accessible through the holes on the cover for power cables.
- Follow the instructions in the service instructions for the motor. If parts are damaged, order new service kits.
- Connect the motor to protective earth and provide protection against indirect contact in accordance with local regulations.
- After servicing the motor, a dielectric strength test must be performed. Alternatively, a megger can be used at 500 VDC.

WARNING
Rotating parts
Death or serious personal injury

- Stay clear of the product after switching on power, as the shaft can rotate immediately.
- Do not start up and run the motor if there is no pump connected to it.
- Install the coupling guards securely to the pump with the screws intended for this purpose.
- Tighten the coupling screws to the correct torque.

WARNING
Magnetic field
Death or serious personal injury

- Do not handle the motor or rotor if you have a pacemaker.

WARNING
Crushing of hands
Death or serious personal injury

- Follow the instructions in the service instructions for the motor.
- Wear protective gloves when servicing the product.
- Be careful when handling magnetised parts to avoid personal injury.

WARNING
Falling objects
Death or serious personal injury

- Follow the lifting instructions for the product.
- Use lifting equipment rated for the weight of the product.

WARNING
Back injury
Death or serious personal injury

- Use lifting equipment and follow local regulations when lifting the product.

WARNING
Crushing of feet
Death or serious personal injury

- Wear safety shoes.
- When lifting the motor, attach lifting equipment to the eye bolts fitted to the motor. When lifting the terminal box, attach lifting equipment to the eye bolts or lifting brackets fitted to the terminal box.

WARNING
Hot surface
Death or serious personal injury

- Do not touch the product while it is running. Allow surfaces to cool before servicing.

WARNING
Intoxication or risk of chemical burn
Death or serious personal injury

- The battery can cause severe or fatal injuries in 2 hours or less if it is swallowed or placed inside any part of the body. In such an event, seek medical attention immediately.

CAUTION
Cold surface
Minor or moderate personal injury

- Make sure that no one can accidentally come into contact with cold surfaces. Wear protective gloves.

Cleaning the product

WARNING
Electric shock
Death or serious personal injury

- Switch off the power supply to the product including the power supply for the signal relays. Make sure that the power supply cannot be switched on accidentally.
- Check that the terminal box cover is intact before spraying water or chemicals on the product.
- Cleaning must be done with non-aggressive materials to avoid damage to surfaces and labels.
- Make sure that the air inlets are kept clean and free of residuals.

Taking the product out of operation

WARNING
Electric shock
Death or serious personal injury

- Switch off the power supply and make sure that it cannot be accidentally switched on. The power supply must be switched off for at least five minutes before you start working on the product.

WARNING
Back injury
Death or serious personal injury

- Use lifting equipment and follow local regulations when lifting the product.

Fault finding

WARNING
Electric shock
Death or serious personal injury

- Switch off the power supply before you start any work on the product. Make sure that the power supply cannot be switched on accidentally.

Liquid temperatures

Liquid temperature: 0-50 °C (32-122 °F)

Ambient temperature during storage and transportation

Description	Temperature
Minimum	-30 °C (-22 °F)
Maximum	60 °C (140 °F)

Ambient temperature during operation

Model J

Description	3 × 200−240 V	3 × 380−500 V [3]
Minimum	0 °C (32 °F)	0 °C (32 °F)
Maximum	40 °C (104 °F)	50 °C (122 °F)

[3] Continuous operation at higher temperatures reduces the expected product lifetime. If the motor operates at ambient temperatures between 50 and 60 °C, select an oversized motor. Contact Grundfos for further information.

Model K

Description	3 × 200-240 V	3 × 380-480 V 3 × 440-480 V
Minimum	0 °C (32 °F)	0 °C (32 °F)
Maximum	40 °C (104 °F)	50 °C (122 °F)

Humidity

Description	Percentage
Maximum humidity	95 %

If you install the motor in moist surroundings or areas with a high humidity, ensure that the bottom drain hole is open. As a result, the motor becomes self-venting, allowing water and humid air to escape. When you open the drain hole, the enclosure class of the motor will be lower than standard.

Installation altitude

The installation altitude is the height above sea level of the installation site.

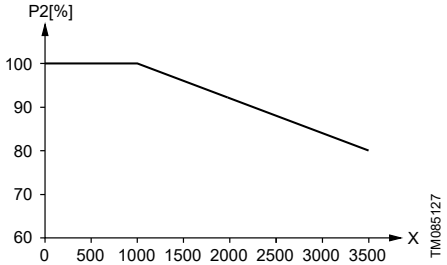
Products installed up to 1000 m above sea level can be loaded 100 %.

- **Model J:** The product is not suitable for use on corner earthed grids in installations more than 2000 m above sea level.
- **Model K:** The product is not suitable for use on corner earthed grids.

  The motors can be installed up to 3500 m above sea level.

Products installed more than 1000 m above sea level must not be fully loaded due to the low density and consequent low cooling effect of the air.

The motor output power (P2) in relation to the altitude above sea level is shown in the graph.



Pos.	Description
P2	Motor output power [%]
X	Altitude [m]

Miscellaneous data

Enclosure class	Pump: IP55 Sensor: IP44
Insulation class	F

Supply voltage

- 1 × 200-240 V -10 % / +10 %, 50/60 Hz, -2 % / +2 % PE
- 3 × 380-415 V -10 % / +10 %, 50/60 Hz, -2 % / +2 % PE
- 3 × 380-500 V -10 % / +10 %, 50/60 Hz, -2 %/ +2 % PE

Cable: Maximum 10 mm^2 or 8 AWG.

Use minimum 70 °C copper conductors only.

Check that the supply voltage and frequency correspond to the values stated on the nameplate.

Technical data, three-phase motors

WARNING
Electric shock
Death or serious personal injury

- Use the recommended fuse size.

Leakage current

WARNING
Electric shock
Death or serious personal injury

- If the leakage current is greater than 3.5 mA, use a PE cable with a minimum cross-section of at least 10 mm^2, or use 2 separate PE cables with the same cross section as the power cable.

Accessories

The following are the communication interface modules intended for use with the product:

Protocol	Communication interface module
GENIbus	CIM 050
LonWorks (Single)	CIM 100
LonWorks (Multi)	CIM 110
PROFIBUS DP	CIM 150
Modbus RTU	CIM 200
BACnet MS/TP	CIM 300
Modbus TCP, BACnet IP, PROFINET, GiC/GRM IP, EtherNet IP	CIM 500
Ethernet GiC	CIM 550
Modbus TCP, Straton T5	CIM 550 P

Installing a communication interface module not listed above might affect the compliance level of the product.

Disposing of the product

This product or parts of it must be disposed of in an environmentally sound way.

1. Use the public or private waste collection service.
2. If this is not possible, contact the nearest Grundfos company or service workshop.

	The crossed-out wheelie bin symbol on a product means that it must be disposed of separately from household waste. When a product marked with this symbol reaches its end of life, take it to a collection point designated by the local waste disposal authorities. The separate collection and recycling of such products will help protect the environment and human health.

See also end-of-life information at *www.grundfos.com/product-recycling*.

1. Security updates for Australia

Security updates for this product are provided from March 1, 2026 until March 1, 2028, in line with the requirements set out in the Australian Cyber Security Act 2024 and the Cyber Security Standards for Smart Devices Rules 2025.

For more information regarding the affected products, compliance and vulnerability reporting, see the dedicated Grundfos landing page.

https://www.grundfos.com/au/support/compliance/cyber-security-act

EU declaration of conformity

GB: EU declaration of conformity

For products with CE marking on the nameplate.

We, Grundfos, declare under our sole responsibility that products (1) declared below are in conformity with the relevant union harmonisation legislation (2), harmonised standards or other technical specifications (3).

This declaration of conformity refers to the Grundfos document: 98473191

BG: Декларация за съответствие на ЕС

За продукти със CE маркировка на табелката с данни.

Ние, Grundfos, декларираме с пълната си отговорност, че декларираните по-долу продукти (1) съответстват на приложимото законодателство за хармонизиране на Съюза (2), хармонизираните стандарти или други технически спецификации (3).

Тази декларация за съответствие е във връзка с документа на Grundfos: 98473191

CZ: EU prohlášení o shodě

Pro výrobky s označením CE na typovém štítku.

My společnost Grundfos prohlašujeme na svou plnou odpovědnost, že níže uvedené výrobky (1) jsou v souladu s příslušnými harmonizačními právními předpisy (2), harmonizačními normami nebo jinými technickými specifikacemi (3) Evropské unie.

Toto prohlášení o shodě odkazuje na dokument společnosti Grundfos: 98473191

DE: EU-Konformitätserklärung

Für Produkte mit CE-Kennzeichnung auf dem Typenschild.

Wir, Grundfos, erklären in alleiniger Verantwortung, dass die Produkte (1), auf die sich die folgende Erklärung bezieht, den nachstehend genannten harmonisierten Rechtsvorschriften (2), Normen und Spezifikationen (3) der EU entspricht.

Diese Konformitätserklärung bezieht sich auf das Grundfos-Dokument: 98473191

DK: EU-overensstemmelseserklæring

For produkter med CE-mærkning på typeskiltet.

Vi, Grundfos, erklærer på eget ansvar, at produkter (1), der er angivet nedenfor, er i overensstemmelse med den relevante EU-harmoniseringslovgivning (2), harmoniserede standarder eller andre tekniske specifikationer (3).

Denne overensstemmelseserklæring henviser til Grundfos-dokumentet: 98473191

EE: ELi vastavusdeklaratsioon

Tooted, millel on CE-märgis andmesildil.

Meie, Grundfos, kinnitame oma ainuvastutusel, et allpool deklareeritud tooted (1) on kooskõlas asjakohaste liidu ühtlustamisõigusaktide (2), ühtlustatud standardite ja muude tehniliste spetsifikatsioonidega (3).

Käesolev vastavusdeklaratsioon viitab Grundfosi dokumendile: 98473191

ES: Declaración de conformidad UE

Para productos con marcado CE en la placa de identificación.

Grundfos declara, bajo su exclusiva responsabilidad, que los productos (1) que a continuación se detallan son conformes con la legislación (2), las normas u otras especificaciones técnicas (3) armonizadas de la Unión que correspondan.

La presente declaración de conformidad concierne al siguiente documento de Grundfos: 98473191

FI: EY-vaatimustenmukaisuusvakuutus

Tuotteet, joiden tyyppikilvessä on CE-merkintä

Grundfos vakuuttaa omalla vastuullaan, että alla mainitut tuotteet (1) ovat asiaankuuluvan unionin yhdenmukaistamislainsäädännön (2), yhdenmukaistettujen standardien tai muiden teknisten eritelmien (3) mukaisia.

Tämä vaatimustenmukaisuusvakuutus viittaa seuraavaan Grundfos-asiakirjaan: 98473191

FR : Déclaration de conformité UE

Pour les produits avec marquage CE sur la plaque signalétique.

Nous, Grundfos, déclarons sous notre seule responsabilité que les produits (1) déclarés ci-dessous sont conformes à la législation d'harmonisation (2), aux normes harmonisées ou à d'autres spécifications techniques (3).

Cette déclaration de conformité fait référence au document Grundfos : 98473191

HR: EU Izjava o usklađenosti

Za proizvode s oznakom CE na natpisnoj pločici.

Mi, Grundfos, pod punom odgovornošću izjavljujemo da su proizvodi (1) deklarirani u nastavku usklađeni s relevantnim zakonodavstvom Unije o usklađivanju (2), usklađenim standardima ili drugim tehničkim specifikacijama (3).

Ova izjava o sukladnosti odnosi se na dokument tvrtke Grundfos: 98473191

HU: EU megfelelőségi nyilatkozat

Az adattáblán CE-jelöléssel ellátott termékek esetében.

Mi, a Grundfos vállalat, teljes felelősséggel kijelentjük, hogy az alább feltüntetett termékek (1) megfelelnek a vonatkozó uniós harmonizációs jogszabályoknak (2), a harmonizált szabványoknak vagy egyéb műszaki előírásoknak (3).

Ez a megfelelőségi nyilatkozat a Grundfos dokumentumra vonatkozik:: 98473191

IT: Dichiarazione di conformità UE

Per prodotti con marcatura CE sulla targhetta.

Grundfos dichiara sotto la propria esclusiva responsabilità che i prodotti (1) dichiarati di seguito sono conformi alla pertinente normativa di armonizzazione dell'Unione (2), alle norme armonizzate o ad altre specifiche tecniche (3).

La presente dichiarazione di conformità fa riferimento al documento Grundfos: 98473191

LT: ES atitikties deklaracija

Produktams, kurių vardinėje plokštelėje yra CE ženklas.

Mes, „Grundfos“, su visa atsakomybe pareiškiame, kad toliau nurodyti produktai (1) atitinka derinamuosius Europos Sąjungos teisės aktus (2), darniuosius standartus arba kitas technines specifikacijas (3).

Ši atitikties deklaracija susijusi su „Grundfos“ dokumentu: 98473191

LV: ES atbilstības deklarācija

Produktiem ar CE marķējumu pases datu plāksnītē.

Uzņēmums Grundfos ar pilnu atbildību paziņo, ka produkti (1), kuri deklarēti tālāk tekstā, atbilst attiecīgajiem Savienības saskaņošanas tiesību aktiem (2), saskaņotajiem standartiem vai citām tehniskajām specifikācijām (3).

Šī atbilstības deklarācija attiecas uz Grundfos dokumentu: 98473191

NL: EC Conformiteitsverklaring

Voor producten met CE-markering op het typeplaatje.

Wij, Grundfos, verklaren geheel onder eigen verantwoordelijkheid dat de hieronder vermelde producten (1) in overeenstemming zijn met de relevante harmonisatiewetgeving van de Unie (2), geharmoniseerde normen of andere technische specificaties (3).

Deze conformiteitsverklaring verwijst naar het Grundfos-document: 98473191

PL: Deklaracja zgodności WE

Dla produktów z oznaczeniem CE na tabliczce znamionowej.

Firma Grundfos oświadcza z pełną odpowiedzialnością, że produkty (1), których dotyczy niniejsza deklaracja, są zgodne z odpowiednimi unijnymi przepisami harmonizacyjnymi (2), normami zharmonizowanymi lub innymi specyfikacjami technicznymi (3).

Niniejsza deklaracja zgodności odnosi się do dokumentu Grundfos: 98473191

PT: Declaração de conformidade UE

Para produtos com marcação CE na chapa de características.

A Grundfos declara sob sua única responsabilidade que os produtos (1) declarados abaixo estão em conformidade com a legislação de harmonização (2), as normas de harmonização ou outras especificações técnicas (3) relevantes da União.

Esta declaração de conformidade refere-se ao documento Grundfos: 98473191

RO: Declarație de conformitate UE

Pentru produsele cu marcaj CE pe plăcuța de identificare.

Subscrisa, Grundfos, declară pe propria răspundere că produsele (1) menționate mai jos sunt în conformitate cu legislația relevantă de armonizare a Uniunii Europene (2), cu standardele armonizate sau cu alte specificații tehnice (3).

Această declarație de conformitate se referă la documentul Grundfos: 98473191

SR: Deklaracija o usaglašenosti EU

Za proizvode sa oznakom CE na natpisnoj pločici.

Mi, Grundfos, izjavljujemo pod sopstvenom odgovornošću da su proizvodi (1) deklarisani u nastavku u skladu sa relevantnim zakonodavstvom Unije o harmonizaciji (2), harmonizovanim standardima ili drugim tehničkim specifikacijama (3).

Ova deklaracija o usaglašenosti odnosi se na Grundfos dokument: 98473191

SE: EU-försäkran om överensstämmelse

För produkter med CE-märkning på typskylten.

Vi, Grundfos, försäkrar under vårt eget ansvar att produkter (1) som deklareras nedan överensstämmer med gällande harmoniseringslagstiftning (2), harmoniserade standarder eller andra tekniska specifikationer (3).

Denna försäkran om överensstämmelse hänvisar till Grundfos-dokumentet: 98473191

SI: Izjava o skladnosti EU

Za izdelke z oznako CE na imenski ploščici.

Mi, Grundfos, s svojo izključno odgovornostjo izjavljamo, da so izdelki (1), navedeni spodaj, v skladu z ustrezno zakonodajo unije o usklajevanju (2), usklajenimi standardi ali drugimi tehničnimi specifikacijami (3).

Ta izjava o skladnosti se nanaša na dokument Grundfos: 98473191

SK: EÚ vyhlásenie o zhode

K produktom s označením CE na typovom štítku.

My, spoločnosť Grundfos, vyhlasujeme na svoju plnú zodpovednosť, že nižšie uvedené produkty (1) sú v súlade s príslušnými harmonizačnými právnymi predpismi (2), harmonizačnými normami alebo inými technickými špecifikáciami (3) Európskej únie.

Toto vyhlásenie o zhode odkazuje na dokument spoločnosti Grundfos: 98473191

TR: AB uygunluk beyanı

Etiketinde CE işareti bulunan ürünler için.

Grundfos olarak, aşağıdaki beyan edilen ürünlerin (1) ilgili birlik uyum mevzuatı (2), uyumlaştırılmış standartlar veya diğer teknik özellikler (3) ile uyumlu olduğunu tüm sorumluluk bize ait olmak üzere beyan ederiz.

Bu uygunluk beyanı, Grundfos dokümanıyla ilgilidir: 98473191

UA: Декларація відповідності EU

Для виробів з маркуванням CE на заводській табличці.

Ми, компанія Grundfos, під нашу виключну відповідальність заявляємо, що виріб (1), до якого відноситься нижченаведена декларація, відповідає вимогам дійсного гармонізованого законодавства Союзу (2), гармонізованим стандартам і будь-яким технічним умовам (3).

Ця декларація відповідності відноситься до документа компанії Grundfos: 98473191

Hydro Solo-E (1)

Union harmonisation legislation (2)

Harmonised standards or other technical specifications (3)

- 2006/42/ EC (Machinery Directive)
  Standards used
  EN 809+A1:2009
  EN 60204-1+A1:2018
  EN 62479:2010
  EN 301 489-1 V2.2.3
  EN 301 489-17 V3.2.4
  EN 300 328 V2.2.2
- 2014/53/EU, 2022/30/EU (Radio Equipment Directive)
  Standards used
  EN 18031-1:2024
  2011/65/EU and 2015/863/EU (RoHS Directive)
  EN IEC 63000:2018
- (EU) 2025/40 (Packaging and Packaging Waste)
- (EU) 2023/1230 (Machinery Regulation)

Hydro Solo-E Optimum (1)

Union harmonisation legislation (2)

Harmonised standards or other technical specifications (3)

- 2006/42/ EC (Machinery Directive)
  Standards used
  EN 809+A1:2009
  EN 60204-1+A1:2018

EN 62479:2010
EN 301 489-1 V2.2.3
EN 301 489-17 V3.2.4
EN 300 328 V2.2.2

- 2014/53/EU, 2022/30/EU (Radio Equipment Directive)
  Standards used
  EN 18031-1:2024
  2011/65/EU and 2015/863/EU (RoHS Directive)
  EN IEC 63000:2018
- (EU) 2025/40 (Packaging and Packaging Waste)
- (EU) 2023/1230 (Machinery Regulation)

Bjerringbro, 6 May 2025

Steen Tøffner-Clausen
Head of PD DBS

[10000088558]

Moroccan declaration of conformity

GB: Moroccan declaration of conformity

We, Grundfos, declare under our sole responsibility that the products to which the declaration below relates, are in conformity with Moroccan laws, orders, standards and specifications to which conformity is declared, as listed below:

Valid for Grundfos products:

Hydro Solo-E, Hydro Solo-E Optimum

Law No 24-09, 2011 Safety of products and services and the following orders:

Order No 2573-14, 2015 Safety Requirements for Low Voltage Electrical Equipment

Standards used:

NM EN 809+A1:2015

This Moroccan declaration of conformity is only valid when accompanying Grundfos instructions.

FR : Déclaration de conformité marocaine

Nous, Grundfos, déclarons sous notre seule responsabilité que les produits auxquels se réfère la déclaration ci-après sont conformes aux lois, arrêtés, normes et spécifications marocains pour lesquels la conformité est déclarée, tels qu'énumérés ci-dessous :

Valable pour les produits Grundfos :

Hydro Solo-E, Hydro Solo-E Optimum

Loi n° 24-09 de 2011 relative à la sécurité des produits et des services et les arrêtés suivants :

Arrêté n° 2573-14 de 2015 relatif au matériel électrique destiné à être utilisé dans certaines limites de tension

Normes utilisées :

NM EN 809+A1:2015

Cette déclaration de conformité marocaine est uniquement valide lorsqu'elle accompagne les notices Grundfos.

Bjerringbro, 20 November 2024

Esther Alvarez Alvarez
Head of Product Development, DCW
Grundfos Holding A/S
Poul Due Jensens Vej 7
8850 Bjerringbro, Denmark
www.grundfos.com

GB: Manufacturer and person empowered to sign the Moroccan declaration of conformity.

FR : Fabricant et personne habilitée à signer la Déclaration de conformité marocaine.

0000714511

Argentina
Bombas GRUNDFOS de Argentina S.A.
Ruta Panamericana km. 37.500industin
1619 - Garín Pcia. de B.A.
Tel.: +54-3327 414 444
Fax: +54-3327 45 3190

Australia
GRUNDFOS Pumps Pty. Ltd.
P.O. Box 2040
Regency Park
South Australia 5942
Tel.: +61-8-8461-4611
Fax: +61-8-8340-0155

Austria
GRUNDFOS Pumpen Vertrieb
Ges.m.b.H.
Grundfosstraße 2
A-5082 Grödig/Salzburg
Tel.: +43-6246-883-0
Fax: +43-6246-883-30

Belgium
N.V. GRUNDFOS Bellux S.A.
Boomsesteenweg 81-83
B-2630 Aartselaar
Tel.: +32-3-870 7300
Fax: +32-3-870 7301

Bosnia and Herzegovina
GRUNDFOS Sarajevo
Zmaja od Bosne 7-7A
BiH-71000 Sarajevo
Tel.: +387 33 592 480
Fax: +387 33 590 465
www.ba.grundfos.com
E-mail: grundfos@bih.net.ba

Brazil
BOMBAS GRUNDFOS DO BRASIL
Av. Humberto de Alencar Castelo
Branco, 630
CEP 09850 - 300
São Bernardo do Campo - SP
Tel.: +55-11 4393 5533
Fax: +55-11 4343 5015

Bulgaria
Grundfos Bulgaria EOOD
Slatina District
Iztochna Tangenta street no. 100
BG - 1592 Sofia
Tel.: +359 2 49 22 200
Fax: +359 2 49 22 201
E-mail: bulgaria@grundfos.bg

Canada
GRUNDFOS Canada inc.
2941 Brighton Road
Oakville, Ontario
L6H 6C9
Tel.: +1-905 829 9533
Fax: +1-905 829 9512

China
GRUNDFOS Pumps (Shanghai) Co. Ltd.
10F The Hub, No. 33 Suhong Road
Minhang District
Shanghai 201106 PRC
Tel.: +86 21 612 252 22
Fax: +86 21 612 253 33

Colombia
GRUNDFOS Colombia S.A.S.
Km 1.5 vía Siberia-Cota Conj. Potrero
Chico,
Parque Empresarial Arcos de Cota Bod.
1A.
Cota, Cundinamarca
Tel.: +57(1)-2913444
Fax: +57(1)-8764586

Croatia
GRUNDFOS CROATIA d.o.o.
Buzinski prilaz 38, Buzin
HR-10010 Zagreb
Tel.: +385 1 6595 400
Fax: +385 1 6595 499
www.hr.grundfos.com

Czech Republic
GRUNDFOS Sales Czechia and Slovakia
s.r.o.
Čajkovského 21
779 00 Olomouc
Tel.: +420-585-716 111

Denmark
GRUNDFOS DK A/S
Martin Bachs Vej 3
DK-8850 Bjerringbro
Tel.: +45-87 50 50 50
www.grundfos.com/DK

Estonia
SIA Grundfos Pumps Baltic Eesti filiaal
Priisle tee 10
13914 Tallinn
Tel.: + 372 606 1690
E-mail: estonia@sales.grundfos.com

Finland
OY GRUNDFOS Pumput AB
Trukkikuja 1
FI-01360 Vantaa
Tel.: +358-(0) 207 889 500

France
Pompes GRUNDFOS Distribution S.A.
Parc d'Activités de Chesnes
57, rue de Malacombe
F-38290 St. Quentin Fallavier (Lyon)
Tel.: +33-4 74 82 15 15
Fax: +33-4 74 94 10 51

Germany
GRUNDFOS GMBH
Schlüterstr. 33
40699 Erkrath
Tel.: +49-(0) 211 929 69-0
Fax: +49-(0) 211 929 69-3799
E-mail: infoservice@grundfos.de
Service in Deutschland:
kundendienst@grundfos.de

Greece
GRUNDFOS Hellas A.E.B.E.
20th km. Athinon-Markopoulou Av.
P.O. Box 71
GR-19002 Peania
Tel.: +0030-210-66 83 400
Fax: +0030-210-66 46 273

Hong Kong
GRUNDFOS Pumps (Hong Kong) Ltd.
Unit 1, Ground floor, Siu Wai industrial
Centre
29-33 Wing Hong Street & 68 King Lam
Street, Cheung Sha Wan
Kowloon
Tel.: +852-27861706 / 27861741
Fax: +852-27858664

Hungary
GRUNDFOS South East Europe Kft.
Tópark u. 8
H-2045 Törökbálint
Tel.: +36-23 511 110
Fax: +36-23 511 111

India
GRUNDFOS Pumps India Private
Limited
118 Old Mahabalipuram Road
Thoraipakkam
Chennai 600 097
Tel.: +91-44 2496 6800

Indonesia
PT GRUNDFOS Pompa
Graha intirub Lt. 2 & 3
Jln. Cililitan Besar No.454. Makasar,
Jakarta Timur
ID-Jakarta 13650
Tel.: +62 21-469-51900
Fax: +62 21-460 6910 / 460 6901

Ireland
GRUNDFOS (Ireland) Ltd.
Unit A, Merrywell Business Park
Ballymount Road Lower
Dublin 12
Tel.: +353-1-4089 800
Fax: +353-1-4089 830

Italy
GRUNDFOS Pompe Italia S.r.l.
Via Gran Sasso 4
I-20060 Truccazzano (Milano)
Tel.: +39-02-95838112
Fax: +39-02-95309290 / 95838461

Japan
GRUNDFOS Pumps K.K.
1-2-3, Shin-Miyakoda, Kita-ku
Hamamatsu
431-2103 Japan
Tel.: +81 53 428 4760
Fax: +81 53 428 5005

Kazakhstan
Grundfos Kazakhstan LLP
7' Kyz-Zhibek Str., Kok-Tobe micr.
KZ-050020 Almaty Kazakhstan
Tel.: +7 (727) 227-98-55/56

Korea
GRUNDFOS Pumps Korea Ltd.
6th Floor, Aju Building 679-5
Yeoksam-dong, Kangnam-ku, 135-916
Seoul, Korea
Tel.: +82-2-5317 600
Fax: +82-2-5633 725

Latvia
GRUNDFOS Pumps Baltic SIA
Gunāra Astras iela 8B
LV-1082, Rīga,
Tel.: + 371 671 49640
E-mail: latvia@sales.grundfos.com

Lithuania
SIA „GRUNDFOS PUMPS
BALTIC“ Lietuvos filialas
Smolensko g. 6
LT-03201 Vilnius
Tel.: + 370 5 239 5430
E-mail: lithuania@sales.grundfos.com

Malaysia
GRUNDFOS Pumps Sdn. Bhd.
7 Jalan Peguam U1/25
Glenmarie industrial Park
40150 Shah Alam, Selangor
Tel.: +60-3-5569 2922
Fax: +60-3-5569 2866

Mexico
Bombas GRUNDFOS de México
S.A. de C.V.
Boulevard TLC No. 15
Parque industrial Stiva Aeropuerto
Apodaca, N.L. 66600
Tel.: +52-81-8144 4000
Fax: +52-81-8144 4010

Netherlands
GRUNDFOS Netherlands
Veluwezoom 35
1326 AE Almere
Postbus 22015
1302 CA ALMERE
Tel.: +31-88-478 6336
Fax: +31-88-478 6332
E-mail: info_gnl@grundfos.com

New Zealand
GRUNDFOS Pumps NZ Ltd.
17 Beatrice Tinsley Crescent
North Harbour Industrial Estate
Albany, Auckland
Tel.: +64-9-415 3240
Fax: +64-9-415 3250

Norway
GRUNDFOS Pumper A/S
Strømsveien 344
Postboks 235, Leirdal
N-1011 Oslo
Tel.: +47-22 90 47 00
Fax: +47-22 32 21 50

Poland
GRUNDFOS Pompy Sp. z o.o.
ul. Klonowa 23
Baranowo k. Poznania
PL-62-081 Przeźmierowo
Tel.: (+48-61) 650 13 00
Fax: (+48-61) 650 13 50

Portugal
Bombas GRUNDFOS Portugal, S.A.
Rua Calvet de Magalhães, 241
Apartado 1079
P-2770-153 Paço de Arcos
Tel.: +351-21-440 76 00
Fax: +351-21-440 76 90

Romania
GRUNDFOS Pompe România SRL
S-PARK BUSINESS CENTER, Clădirea A2, etaj 2
Str. Tipografilor, Nr. 11-15, Sector 1, Cod 013714
Bucuresti, Romania
Tel.: 004 021 2004 100
E-mail: romania@grundfos.ro

Serbia
Grundfos Srbija d.o.o.
Omladinskih brigada 90b
11070 Novi Beograd
Tel.: +381 11 2258 740
Fax: +381 11 2281 769
www.rs.grundfos.com

Singapore
GRUNDFOS (Singapore) Pte. Ltd.
25 Jalan Tukang
Singapore 619264
Tel.: +65-6681 9688
Faxax: +65-6681 9689

Slovakia
GRUNDFOS s.r.o.
Prievozská 4D 821 09 BRATISLAVA
Tel.: +421 2 5020 1426
sk.grundfos.com

Slovenia
GRUNDFOS LJUBLJANA, d.o.o.
Leskoškova 9e, 1122 Ljubljana
Tel.: +386 (0) 1 568 06 10
Fax: +386 (0)1 568 06 19
E-mail: tehnika-si@grundfos.com

South Africa
GRUNDFOS (PTY) LTD
16 Lascelles Drive, Meadowbrook Estate
1609 Germiston, Johannesburg
Tel.: (+27) 10 248 6000
Fax: (+27) 10 248 6002
E-mail: lgradidge@grundfos.com

Spain
Bombas GRUNDFOS España S.A.
Camino de la Fuentecilla, s/n
E-28110 Algete (Madrid)
Tel.: +34-91-848 8800
Fax: +34-91-628 0465

Sweden
GRUNDFOS AB
Box 333 (Lunnagårdsgatan 6)
431 24 Mölndal
Tel.: +46 31 332 23 000
Fax: +46 31 331 94 60

Switzerland
GRUNDFOS Pumpen AG
Bruggacherstrasse 10
CH-8117 Fällanden/ZH
Tel.: +41-44-806 8111
Fax: +41-44-806 8115

Taiwan
GRUNDFOS Pumps (Taiwan) Ltd.
7 Floor, 219 Min-Chuan Road
Taichung, Taiwan, R.O.C.
Tel.: +886-4-2305 0868
Fax: +886-4-2305 0878

Thailand
GRUNDFOS (Thailand) Ltd.
92 Chaloem Phrakiat Rama 9 Road
Dokmai, Pravej, Bangkok 10250
Tel.: +66-2-725 8999
Fax: +66-2-725 8998

Turkey
GRUNDFOS POMPA San. ve Tic. Ltd. Sti.
Gebze Organize Sanayi Bölgesi
Ihsan dede Caddesi
2. yol 200. Sokak No. 204
41490 Gebze/ Kocaeli
Tel.: +90 - 262-679 7979
Fax: +90 - 262-679 7905
E-mail: satis@grundfos.com

Ukraine
ТОВ "ГРУНДФОС УКРАЇНА"
Бізнес Центр Європа
Столичне шосе, 103
м. Київ, 03131, Україна
Tel.: (+38 044) 237 04 00
Fax: (+38 044) 237 04 01
E-mail: ukraine@grundfos.com

United Arab Emirates
GRUNDFOS Gulf Distribution
P.O. Box 16768
Jebel Ali Free Zone, Dubai
Tel.: +971 4 8815 166
Fax: +971 4 8815 136

United Kingdom
GRUNDFOS Pumps Ltd.
Grovebury Road
Leighton Buzzard/Beds. LU7 4TL
Tel.: +44-1525-850000
Fax: +44-1525-850011

U.S.A.
Global Headquarters for WU
856 Koomey Road
Brookshire, Texas 77423 USA
Phone: +1-630-236-5500

Uzbekistan
Grundfos Tashkent, Uzbekistan
The Representative Office of Grundfos Kazakhstan in Uzbekistan
38a, Oybek street, Tashkent
Tel.: (+998) 71 150 3290 / 71 150 3291
Fax: (+998) 71 150 3292

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Grundfos Holding A/S
Poul Due Jensens Vej 7
DK-8850 Bjerringbro
Tel: +45 87 50 14 00
www.grundfos.com