

# SMART Digital CHEMPAIRING Suite

## SDCS CIU gateway

Installation and operating instructions





# SMART Digital CHEMPAIRING Suite

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## English (GB)

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## English (GB) Installation and operating instructions

### Original installation and operating instructions

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### 1. General information



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

Read the installation and operating instructions for the relevant CIM module.

### 1.1 Hazard statements

The symbols and hazard statements below may appear in Grundfos installation and operating instructions, safety instructions and service instructions.



#### DANGER

Indicates a hazardous situation which, if not avoided, will result in death or serious personal injury.



#### WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious personal injury.



#### CAUTION

Indicates a hazardous situation which, if not avoided, could result in minor or moderate personal injury.

The hazard statements are structured in the following way:



#### SIGNAL WORD

##### Description of the hazard

Consequence of ignoring the warning

- Action to avoid the hazard.

### 1.2 Notes

The symbols and notes below may appear in Grundfos installation and operating instructions, safety instructions and service instructions.



Observe these instructions for explosion-proof products.



A blue or grey circle with a white graphical symbol indicates that an action must be taken.



A red or grey circle with a diagonal bar, possibly with a black graphical symbol, indicates that an action must not be taken or must be stopped.



If these instructions are not observed, it may result in malfunction or damage to the equipment.



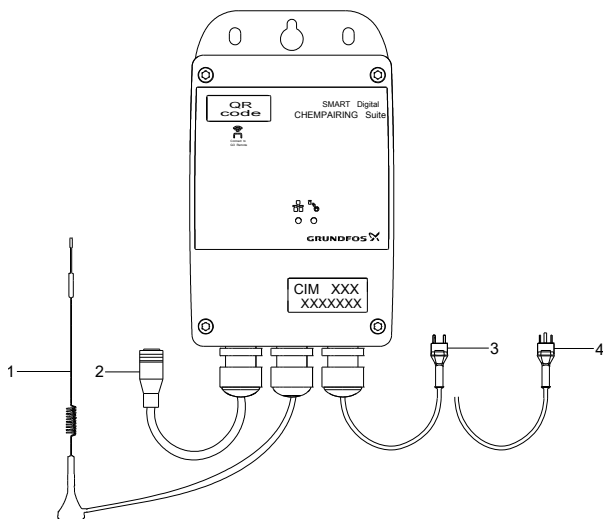
Tips and advice that make the work easier.

## 2. Product introduction

### 2.1 Product description

SMART Digital CHEMPAIRING Suite (SDCS) is a Grundfos cloud-based solution used to control and monitor a Grundfos SMART Digital DDA dosing pump and the related dosing process. It can monitor chemical container tank level without a level sensor. See section Intended use for more information.

The SDCS CIU (Communication Interface Unit) gateway serves as an interface for cellular (3G/4G) communication between the Grundfos SMART Digital CHEMPAIRING Suite cloud solution and the installed SMART Digital dosing pump. The monthly SDCS subscription price already includes the cost of data transfer.



TM083719

SDCS CIU wire configuration

Pos.	Description
1	Preinstalled 3 m (9.8 ft) antenna cable with magnetic foot antenna
2	Preinstalled 5 m (16.4 ft) M12 communication cable to the DDA dosing pump
3	Preinstalled 3 m (9.8 ft) power cable with Schuko (CEE 7/7) for SDCS CIU EU (PN 92757356)
	OR
4	Preinstalled 3 m (9.8 ft) power cable with Type B (NEMA 5-15P) plug for SDCS CIU US (PN 92757354)

### Related information

#### [2.2 Intended use](#)

## 2.2 Intended use



If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

### DANGER

#### Explosive environment

Death or serious personal injury



- Do not use the SDCS CIU gateway and the dosing pump in areas with explosive risks, such as explosive gases or dust.

The SDCS CIU gateway is designed for use with a Grundfos DDA-AR-C or DDA-FCM-C (production date 04/2023 or later) dosing pump up to 30 l/h in all material variants.

Due to the preinstalled eUICC SIM card, the SDCS CIU Gateway can only be operated in the countries listed in the Appendix.

## 2.3 Applications

SMART Digital CHEMPAIRING Suite and the SDCS CIU gateway can be used in the following stationary dosing applications:

- manual dosing
- proportional dosing (pulse)
- proportional dosing (analog 0/4-20 mA).

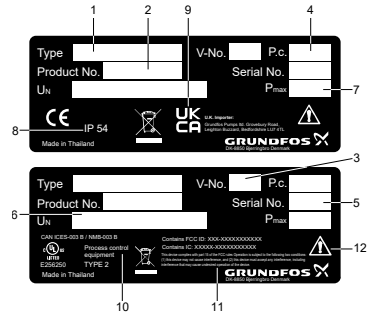
One SMART Digital DDA dosing pump per SDCS CIU gateway can be used in the above listed dosing applications in non-explosive areas.

Typical applications are dosing of biocides in drinking water, dosing of corrosion inhibitors or cooling tower applications.

Due to the occupancy of the GENIbus port at the DDA, no other CIU/eBox (e.g. fieldbus) can be connected.

## 2.4 Identification

### 2.4.1 Nameplate



TM0834482

### Example of a nameplate (upper: EU, lower: US)

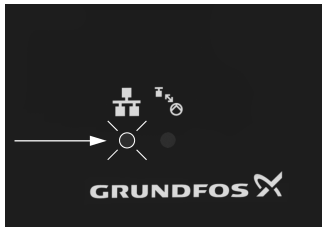
Pos.	Description
1	Type designation
2	Product number
3	Version number
4	Production code (year and week)
5	Serial number
6	Power supply
7	Power consumption
8	Enclosure rating
9	Marks of approval
10	Equipment category
11	Written statements
12	Warning to read the installation and operating instructions

### Related information

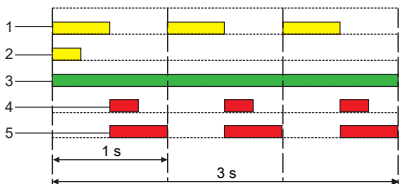
#### [4.1 Location](#)

## 2.5 LEDs

### SDCS CIU cellular communication, LED1



TM083977



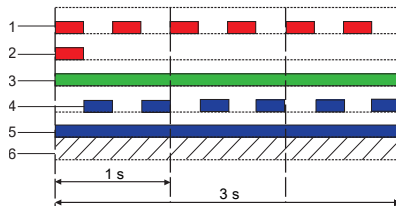
TM084876

Pos.	Colour	Description
1	Flashing yellow	Searching for cellular network
2	Pulsating yellow (single pulse)	Cellular network active
3	Permanent green	Data exchange with the Grundfos iSOLUTIONS Cloud
4	-	For future use
5	-	For future use

### Communication to product, LED2



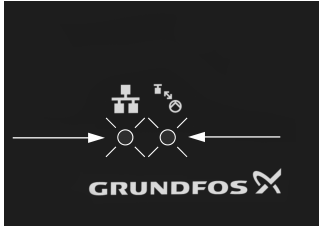
TM083978



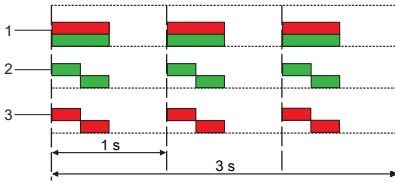
TM084877

Pos.	Colour	Description
1	Pulsating red (single pulse)	CIM module is commissioned, but communication to product is lost
2	Pulsating red (single pulse)	Product profile is not downloaded from Grundfos Remote Management/ Grundfos iSOLUTIONS Cloud
3	Permanent green	Internal communication to Grundfos product is okay
4	-	For future use
5	-	For future use
6	-	LED is switched off during firmware upgrades

## Firmware upgrade, LED1 and LED2



TM083979



TM084878

Pos.	Colour	Description
1	Flashing red and green	Firmware upgrade in progress, LED2
2	Pulsating green (single pulse)	Firmware upgrade completed, LED1 and LED2
3	Pulsating red (single pulse)	Firmware upgrade failed, LED1 and LED2

## 3. Receiving the product

### 3.1 Inspecting the product

Before installing the product, do the following:

1. Check if the product is as ordered.
2. Check if no visible parts are damaged.
3. If parts are damaged or missing, contact your local Grundfos sales company.

## 3.2 Scope of delivery

The packaging contains the following items:

- Grundfos SDCS CIU gateway with integrated CIM 280 cellular communication module (3G/4G) with preinstalled eUICC SIM card, see section Intended use for more info
- fixation bracket
- preinstalled 5 m (16.4 ft) M12 communication cable to the DDA dosing pump
- preinstalled 3 m (9.8 ft) antenna cable with magnetic foot antenna
- preinstalled 3 m (9.8 ft) power cable with Schuko (CEE 7/7) for SDCS CIU EU or Type B (NEMA 5-15P) plug for SDCS CIU US
- 1 QR code sticker on top of the SDCS CIU gateway cover to identify the complete dosing system via the Grundfos GO App and 2 spare stickers
- Safety instructions
- Quick Guide.

## Related information

[2.2 Intended use](#)

## 4. Installation requirements

### 4.1 Location

Install the product at a location that meets the following requirements:

- The SDCS CIU gateway is designed for a stationary installation place.
- The SDCS CIU gateway is designed for flexible mounting on a suitable suspension point. This must have sufficient load-bearing strength.
- The product must be easily accessible but the connected cables must not pose a trip hazard.
- Install the product at a location safe from flooding.
- Make sure that the ambient temperature and humidity are within the limit.
- Make sure that the voltage supply is within the limit and there is a suitable wall power plug.
- Install the SDCS CIU gateway as close as possible to the dosing pump.
- Neither of the already connected cables must be extended or shortened.
- There must be no chemically aggressive vapors, explosive gases or dust (non ATEX) where the product is installed.
- Constant and stable 3G/4G coverage is required in the installation room.
- Before installation, confirm whether medical devices in the installation environment permit the use of cellular equipment.

**CAUTION****Radiation hazard**

Minor or moderate personal injury



- Human tissue may be heated by RF energy. Position the antenna at a minimum distance of 20 cm (0.66 feet) from any body parts.



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

**Related information**

[2.4.1 Nameplate](#)

[9. Technical data](#)

**4.2 Mounting requirements**

Install the product in a way that meets the following requirements:

- We recommend to mount the product on a drywall. Other wall types are also applicable, providing they have sufficient load-bearing strength.
- Assess the suitability of the wall to ensure that it withstands the forces generated.
- Use a screw or a nail suitable for your wall and intended load.
- The recommended minimum parameters of the screw are the following:

Screw head diameter	7.6 mm (0.3")
Nominal length	40 mm (1.6")
Shank diameter	4 mm (0.16")

- Make sure that there is at least 4 mm distance between the wall and the screw head.



The screw for the wall is not included.

**4.3 RF safety**

End users must be provided with these installation and operating instructions and operating conditions to satisfy RF exposure compliance.

**4.4 Radio frequency radiation exposure, for Canada and US only****CAUTION****Radiation**

Minor or moderate personal injury



- This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated with a minimum distance of 20 cm (0.66 feet) between the radiator and your body.
- This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

FCC ID: OG3-CIM2X0-3G-4G

IC: 10447A-CIM2X034G



This device complies with Part 15C, 22, 24, 27, 90 of the FCC rules and contains a license-exempt transmitter that complies with Innovation, Science and Economic Development Canada's license-exempt RSS(s).

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.



Changes or modifications made to this equipment not expressly approved by Grundfos may void the FCC authorisation to operate this equipment.

**4.5 EMC statements for USA**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

#### 4.6 Safety precautions for UK



The product is not intended for use in any home appliance, home automation, home control system or consumer product in the UK.

### 5. Mechanical installation

#### 5.1 Mounting on the wall

##### CAUTION

##### The product may fall down

Minor or moderate personal injury



- Make sure that the suspension point supports the weight of the SDCS CIU gateway and possible additional load.
- Make sure to use screws or nails that fit into the unit and support its weight.

##### CAUTION

##### Tripping hazard

Minor or moderate personal injury



- In case of excess cable length, make sure that it does not protrude into sidewalks.

##### DANGER

##### Electric shock

Minor or moderate personal injury

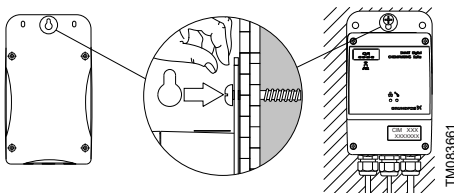


- Do not unscrew or loosen the blind plugs, the cable glands, or the lids. The ingress protection may be lost.



Do not peel off the label.

1. Mount the SDCS CIU gateway with the bracket keyhole on a suitable suspension point.



The SDCS CIU gateway is designed to be mounted on a wall with its bracket by hand.

Mount the unit in a way that the cable glands face downwards.

Install the SDCS CIU gateway in a way that no loads are or can be applied to the preinstalled cables.

### 6. Electrical connection

#### 6.1 Connecting the power cable

##### WARNING

##### Electric shock

Death or serious personal injury

- The SDCS CIU gateway is already prepared for immediate commissioning. Do not open the cover of the SDCS CIU gateway.



- Make sure that the power plug delivered with the product is in compliance with local regulations.
- The protective earth (PE) of the power outlet must be connected to the protective earth of the product. The plug must have the same PE connection system as the power outlet. If not, use a suitable adapter if allowed by local regulations.



If the power cable is damaged, the gateway must be replaced.

1. Connect the plug to the power socket.

#### 6.2 Connecting the control cable to a SMART Digital dosing pump

1. Connect the M12 connector of the control cable to the lower right M12 GENIBus connection port of the SMART Digital dosing pump.



You cannot connect any other CIU or CIM gateways for fieldbus connection when an SDCS CIU gateway is connected to a SMART Digital dosing pump.

## 6.3 Installing the antenna



### WARNING

#### Radiation hazard

Minor or moderate personal injury

- Do not put the antenna near medical equipment.

1. Place the preinstalled magnetic foot antenna in such a way that it has ideal transmission and reception characteristics.
  - Position the antenna in a vertical position.
  - Place the magnetic foot antenna directly on a horizontal metal (optional) surface of at least 30 × 30 cm, so that the antenna has a free radiation pattern. Make sure you keep this area clean and empty.

### 6.3.1 Network interfaces and services

In the factory default state, the product exposes the following network interfaces:

Interface	Description
3G/4G	Cellular modem for connection to GiC

In the factory default state, no services are exposed by the product over its network interfaces.

## 7. Startup

Follow the link to the commissioning video on the SDCS website for more information about the software related commissioning of the SDCS gateway using the Grundfos GO app:



[Click here to visit the SDCS Grundfos Product Center page.](#)

## 8. Servicing the product

The SDCS CIU gateway is not designed to be serviced. If the product is defective, it must be replaced with a new SDCS CIU gateway.

You can replace the defective gateway with a new one in the Grundfos GO App by selecting Replace gateway.



The connected dosing system and the historical data of the last 3 months are automatically transferred to the new gateway ID.

### 8.1 Cleaning the product

The product must be cleaned with a clean, dry or damp cloth.

OF\_SDCS\_GPC

## 9. Technical data

### Dimensions

Height	178.5 mm (7.03")
Height with bracket	200.5 mm (7.89")
Width	108 mm (4.25")
Depth	81.5 mm (3.21")
Weight with bracket	782 g (1.72 lbs)
Weight with bracket and cables	1360 g (2.90 lbs)

### Electrical supply

Supply voltage	Europe: 220-240 VAC, 50 Hz US: 110-120 VAC, 60 Hz
Max. power consumption	11 W
Transient overvoltage	Category II
Connected mains cable with plug	3 m (9.8 ft) SJT 3/C 18AWG 105 °C cable with Type B (NEMA 5-15P) plug OR 3 m (9.8 ft) H05VV-F 3G1.0 cable with Type F (Schuko, CEE 7/7) plug
Connected control cable with plug	5 m (16.4 ft) cable with M12 plug
Connected antenna	3 m (9.8 ft) shielded antenna cable with magnetic foot antenna

### Environmental conditions

Max. altitude above sea level	2000 m (6561.67 ft)
Relative humidity	Maximum 95 % (non-condensing)
Enclosure class	IP54 according to IEC 60529 Type 2 according to UL 50 For indoor use only
External pollution degree	Category 3

### Ambient temperature

During operation	-20 to +45 °C (-4 to +113 °F)
------------------	----------------------------------

During storage	-20 to +60 °C (-4 to +140 °F)
During transportation	-20 to +60 °C (-4 to +140 °F)

### Technical data of the CIM 280 cellular module

Mobile station LTE category	4
Operation-frequency variant I (EU)	B1 (2100 MHz, 23 dBi) B3 (1800 MHz, 23 dBi) B7 (2600 MHz, 23 dBi) B8 (900 MHz, 23 dBi) B20 (800 MHz, 23 dBi).
Operation-frequency variant II (US)	B2 (1900 MHz, 23 dBi) B4 (1700 MHz, 23 dBi) B5 (850 MHz, 23 dBi) B12/B13 (700 MHz, 23 dBi).

## 10. 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 wheellie 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](http://www.grundfos.com/product-recycling).

## 11. Document quality feedback

To provide feedback about this document, use your smart device to scan the QR code.



FEEDBACK9Z758653

[\*Click here to submit your feedback\*](#)

## Appendix A

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### A.1. Countries of operation

Due to the preinstalled eUICC SIM card, the SDSCS CIU Gateway can be operated in the following countries:

Europe:

- Austria
- Belgium
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Denmark
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Iceland
- Ireland
- Israel
- Italy
- Latvia
- Lithuania
- Luxembourg
- Malta
- Monaco
- The Netherlands
- Norway
- Poland
- Portugal
- Romania
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- The United Kingdom
- Turkey.

USA and Canada:

- USA
- Canada.

## EU Declaration of conformity

### GB: EU declaration of conformity

We, Grundfos, declare under our sole responsibility that the product SDCS CIU, to which the declaration below relates, is in conformity with the Council Directives listed below on the approximation of the laws of the EU member states.

### CZ: EU prohlášení o shodě

My společnost Grundfos prohlašujeme na svou plnou odpovědnost, že výrobek SDCS CIU, na který se toto prohlášení vztahuje, je v souladu s níže uvedenými ustanoveními směrnice Rady pro sbližení právních předpisů členských států Evropské unie.

### DK: EU-overensstemmelseserklæring

Vi, Grundfos, erklærer under ansvar at produktet SDCS CIU som erklæringen nedenfor omhandler, er i overensstemmelse med Rådets direktiver der er nævnt nedenfor, om indbyrdes tilnærmelse til EU-medlemsstaternes lovgivning.

### ES: Declaración de conformidad UE

Grundfos declara, bajo su exclusiva responsabilidad, que el producto al que concierne la presente declaración, marcado con la denominación SDCS CIU, es conforme con las Directivas del Consejo que figuran a continuación, basadas en la aproximación de las legislaciones correspondientes de los Estados miembros de la UE.

### FR : Déclaration de conformité UE

Nous, Grundfos, déclarons sous notre entière responsabilité que le produit SDCS CIU, auquel la déclaration ci-dessous fait référence, est conforme aux directives du Conseil répertoriées ci-dessous, concernant le rapprochement des législations des États membres de l'UE.

### HR: EU Izjava o usklađenosti

Mi, Grundfos, izjavljujemo s punom odgovornošću da je proizvod SDCS CIU na koja se izjava odnosi u nastavku, u skladu s direktivama Vijeća dolje navedenih o usklađivanju zakona država članica EZ-a/EU-a.

### IT: Dichiarazione di conformità UE

Grundfos dichiara sotto la sua esclusiva responsabilità che il prodotto SDCS CIU, al quale si riferisce questa dichiarazione, è conforme alle seguenti direttive del Consiglio riguardanti il riavvicinamento delle legislazioni degli Stati membri UE.

### BG: Декларация за съответствие на ЕС

Ние, Grundfos, декларираме с пълната си отговорност, че продуктът SDCS CIU, за който се отнася настоящата декларация, отговаря на следните директиви на Съвета за уеднаквяване на правните разпоредби на държавите-членки на ЕС.

### DE: EU-Konformitätserklärung

Wir, Grundfos, erklären in alleiniger Verantwortung, dass das Produkt SDCS CIU, auf das sich diese Erklärung bezieht, mit den folgenden Richtlinien des Rates zur Angleichung der Rechtsvorschriften der EG-/EU-Mitgliedsstaaten übereinstimmt.

### EE: ELi vastavusdeklaratsioon

Meie, Grundfos, kinnitame ja kanname ainuiskulist vastutust selle eest, et toode SDCS CIU, mille kohta allolev deklaratsioon käib, on kooskõlas Nõukogu Direktiividega, mis on nimetatud allpool vastavalt vastuvõetud õigusaktidele ühtlustamise kohta EÜ/ELi liikmesriikides.

### FI: EY-vaatimustenmukaisuusvakuutus

Grundfos vakuuttaa omalla vastuullaan, että tuote SDCS CIU, jota tämä vakuutus koskee, on EU:n jäsenvaltioiden lainsäädännön lähentämiseen tähtäävien Euroopan neuvoston direktiivien vaatimusten mukainen seuraavasti.

### GR: Δήλωση συμμόρφωσης ΕΕ

Εμείς, η Grundfos, δηλώνουμε με αποκλειστικά δική μας ευθύνη ότι το προϊόν SDCS CIU, στο οποίο αναφέρεται η παρακάτω δήλωση, συμμορφώνεται με τις παρακάτω Οδηγίες του Συμβουλίου περί προσέγγισης των νομοθεσιών των κρατών μελών της ΕΕ.

### HU: EU megfeleléségi nyilatkozat

Mi, a Grundfos vállalat, teljes felelősséggel kijelentjük, hogy a(z) SDCS CIU termék, amelyre az alábbi nyilatkozat vonatkozik, megfelel az Európai Unió tagállamainak jogi irányelveit összehangoló tanács alábbi előírásainak.

### LT: ES atitikties deklaracija

Mes, „Grundfos“, su visa atsakomybe pareiškiame, kad produktas SDCS CIU, kuriam skirta ši deklaracija, atitinka toliau nurodytas Tarybos Direktyvas dėl ES šalių įstatymų suderinimo.

**LV: ES atbilstības deklarācija**

Uzņēmums Grundfos ar pilnu atbildību paziņo, ka produkts SDCS CIU, uz kuru attiecas tālāk redzamā deklarācija, atbilst tālāk norādītajām Padomes direktīvām par ES daļiņvalstu normatīvo aktu tuvināšanu.

**PL: Deklaracja zgodności WE**

Firma Grundfos oświadcza z pełną odpowiedzialnością, że jej produkt SDCS CIU, którego dotyczy niniejsza deklaracja, jest zgodny z następującymi dyrektywami Rady w sprawie zbliżenia przepisów prawnych państw członkowskich UE.

**RO: Declarație de conformitate UE**

Subscrisa, Grundfos, declară pe propria răspundere că produsul SDCS CIU, la care se referă declarația de mai jos, este în conformitate cu Directivele Consiliului enumerate mai jos privind apropierea legislațiilor statelor membre UE.

**SI: Izjava o skladnosti EU**

V Grundfosu s polno odgovornostjo izjavljamo, da so izdelki SDCS CIU, na katere se spodnja izjava nanaša, v skladu s spodnjimi direktivami Sveta o približevanju zakonodaje za izenačevanje pravnih predpisov držav članic EU.

**TR: AB uygunluk beyanı**

Grundfos olarak, aşağıdaki bildirim konusu olan SDCS CIU ürünlerinin, AB üye ülkelerinin direktiflerinin yakınlıklarını masıyyla ilgili aşağıdaki Konsey Direktifleriyle uyumlu olduğunu ve bununla ilgili olarak tüm sorumluluğun bize ait olduğunu beyan ederiz.

**IS: ESB-samræmisýfirlýsing**

Við, Grundfos, lýsum því yfir og ábyrgjumst að fullu að varan SDCS CIU, sem þessi yfirlýsing á við um, samræmist tilskipunum ráðs Evrópubandalaganna um samræmingu laga aðildarríkjá ESB.

**NL: EC Conformiteitsverklaring**

Wij, Grundfos, verklaren geheel onder eigen verantwoordelijkheid dat product SDCS CIU, waarop de onderstaande verklaring betrekking heeft, in overeenstemming is met de onderstaande Richtlijnen van de Raad inzake de onderlinge aanpassing van de wetgeving van de EU-lidstaten.

**PT: Declaração de conformidade UE**

A Grundfos declara sob sua única responsabilidade que o produto SDCS CIU, ao qual diz respeito a declaração abaixo, está em conformidade com as Diretivas do Conselho sobre a aproximação das legislações dos Estados Membros da UE.

**SE: EU-försäkran om överensstämmelse**

Vi, Grundfos, försäkrar under ansvar att produkten SDCS CIU, som omfattas av nedanstående försäkran, är i överensstämmelse med de rådsdirektiv om inbördes närmande till EU-medlemsstaternas lagstiftning som listas nedan.

**SK: EÚ vyhlásenie o zhode**

My, spoločnosť Grundfos, vyhlasujeme na svoju plnú zodpovednosť, že produkt SDCS CIU, na ktorý sa vyhlásenie uvedené nižšie vzťahuje, je v súlade s ustanoveniami nižšie uvedených smerníc Rady pre zblíženie právnych predpisov členských štátov EÚ.

**NO: Samsvarserklæring for EU**

Vi, Grundfos, erklærer under vårt eneansvar at produktet SDCS CIU, som denne erklæringen gjelder, er i samsvar med Det europeiske råds direktiver om tilnærming av forordninger i EU-landene.

- Radio equipment directive (2014/53/EU and 2022/30/EU).

Standards used:

EN 61010-1:2010 + A1:2019

EN 62311:2008

EN 61326-1:2013

EN 301 489-1 V2.2.3

EN 301 489-52 V1.2.1

EN 301 908-1 V15.1.1

EN 301 908-2 V13.1.1

EN 301 908-13 V13.2.1

EN 301 511 V12.5.1

EN 18031-1:2024

- RoHS Directive (2011/65/EU 2015/863/EU).

Standard used:

EN IEC 63000:2018.

This EU declaration of conformity is only valid when published as part of the Grundfos installation and operating instructions (publication number 92791509), or the Grundfos installation and operating instructions (publication number 92758653).

Bjerringbro, 20th June 2025



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Person authorised to compile technical file and empowered to sign the EU declaration of conformity.

## UK Declaration of conformity

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### UK declaration of conformity

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

Valid for Grundfos products:

SDCS CIU

Object: Communication equipment

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- Radio Equipment Regulation 2017  
Standards used:  
EN 61010-1:2010 + A1:2019  
EN 62311:2008  
EN 61326-1:2013  
EN 301 489-1 V2.2.3  
EN 301 489-52 V1.2.1  
EN 301 908-1 V15.1.1  
EN 301 908-2 V13.1.1  
EN 301 908-13 V13.2.1  
EN 301 511 V12.5.1
- RoHS in EEE Regulations 2012  
Standards used:  
EN IEC 63000:2018

This UK declaration of conformity is only valid when published as part of the Grundfos safety instructions (publication number 92791509), or the Grundfos installation and operating instructions (publication number 92758653).

Bjerringbro, 20th June 2025



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Manufacturer and person empowered to sign the UK  
declaration of conformity.

10000458021

## Supplier's Declaration of Conformity

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### **FCC Supplier's Declaration of Conformity 47 CFR § 2.1077 Compliance Information**

Unique identifier: SDCS CIU, 92757354

Responsible Party – U.S. Contact Information:

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### **FCC Compliance Statement:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference re-ceived, including interference that may cause undesired operation.

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