

GiM CIU

Installation and operating instructions



GiM CIU

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

The product monitors the activity of a Grundfos CR, CRE pump. It detects possible irregularities concerning CR, CRE pumps to increase system uptime and keep service and maintenance people on track with pump operation and status for maintenance planning.

GRUNDFOS iSOLUTIONS MONITOR is referred to as "GiM CIU" in this document.

2.2 Intended use

The product is intended for use with a Grundfos CR, CRE pump. It can be used for monitoring the pump but not for controlling it.




2.3 Applications

The product is used as a communication interface between a Grundfos product and a main network. It is used together with a CIM module (CIM = Communication Interface Module) fitted in the unit. GENibus is optional communication between the unit and a Grundfos product.

2.4 LEDs

The three LEDs are placed on the front cover of the GiM CIU. The Bluetooth button is placed on the bottom on one of the cable glands.

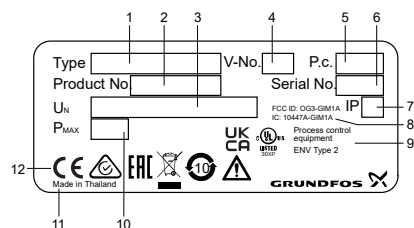
Explanation of the symbols

Symbol	Description
	Red and green status LED for the main network. See the installation and operating instructions for the CIM module for more information.
	Status LED for the internal communication between the CIM module and the Grundfos product. See the installation and operating instructions for the CIM module for more information.
STATUS	Monitor status. See the following table for descriptions.
	Bluetooth button for pairing between GiM CIU and Grundfos GO Remote 2.0.

STATUS LED	Description
Permanently green	The system is working.
Flashing green	GiM CIU is in learning mode.
Permanently yellow	A warning from the CR pump, for example, high media temperature, vibration or cavitation. It could also be a warning indicating, for example, a VTU sensor fault or missing power for the real-time clock.
Permanently red	An alarm from the CR pump, for example, dry run, high media temperature, vibration or cavitation.

2.5 Identification

2.5.1 Nameplate



Example of a nameplate

Pos.	Description
1	Type designation
2	Product number
3	Supply voltage
4	Version number
5	Production code (year and week)
6	Serial number
7	Enclosure class
8	FCC and IC text, only for UL variants
9	Environmental type
10	Rated power
11	Production site
12	Markings and approvals

Related information

[4.1 Location](#)

3. Receiving the product

3.1 Inspecting the product

Before installing the product, do the following:

1. Check that the product is as ordered.
2. Check that no visible parts have been 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 iSOLUTIONS MONITOR CIU unit (GiM CIU)
- installation and operating instructions for the product.

4. Installation requirements

4.1 Location

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

- Place the product in a flood-safe place.
- Make sure that the ambient temperature is within the limits.
- Install the product as close as possible to the connected pumps, sensors, and accessories.
- The product must be easily accessible.
- You must install the product in a protective shed or enclosure to avoid direct sunlight and rain.
- Indoor installation: The product must be installed in a well-ventilated room to ensure cooling of its components.

Related information

[2.5.1 Nameplate](#)

[9. Technical data](#)

4.2 Radio frequency radiation exposure, for Canada and US only

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.

FCC ID: OG3-GIM1A

IC: 10447A-GIM1A

5. Mechanical installation

5.1 Mounting on the wall

Mount the unit on a surface. The cable glands must face downwards.



CAUTION

The product can fall down

Minor or moderate personal injury

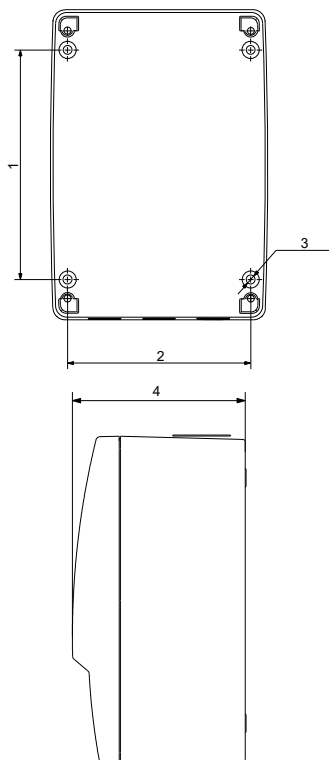
- Make sure to use screws that fit into the unit and support its weight.

- All cable screens must be connected to earth. If it is not possible to use cable clamps, the stripped part of the cable screen must be as short as possible to reduce the impedance at high frequencies.



- The cable glands must face downwards.

1. Loosen the screws and remove the front cover.
2. Drill holes in the surface.



Pos.	Dimensions [mm] (inch)
1	115 (4.53")
2	91 (3.58")
3	ø4.5 (0.18")
4	81.5 (3.21")

3. Insert wall plugs, if applicable.
4. Fit the four screws in the mounting holes and cross-tighten the screws, 1.25 Nm.

6. Electrical connection

DANGER

Electric shock

Death or serious personal injury

- Applies to supply voltages above 30 V_{RMS} / 60 VDC: The installation must incorporate a switch or a circuit breaker in order to switch off the mains supply. It must be close to the CIU unit and easily accessible for the operator. It must be marked as a disconnecting device for the CIU unit.
- In case of an insulation fault, the fault current may be a pulsating DC. Observe national legislation about requirements for and selection of a Residual Current Device (RCD) when installing the pump.



The residual-current circuit breaker must be marked like this:



WARNING**Electric shock**

Death or serious personal injury

- Switch off the power supply before making any electrical connections. Make sure that the power supply cannot be switched on accidentally.
- The protective earth from the socket outlet must be connected to the protective earth in the pump. Therefore, the applied plug must have the same protective earth connection systems as the socket outlet, or a suitable adapter must be applied.
- Ensure that the high-voltage protection cover is mounted correctly once the installation is finished.
- Tighten the cable glands securely to avoid water coming into the unit or the cables being pulled out.
- The CIU unit and GENibus must only be connected to SELV or SELV-E circuits.

**WARNING****Falling off ladder**

Death or serious personal injury

- Take care when installing the unit on the pump.

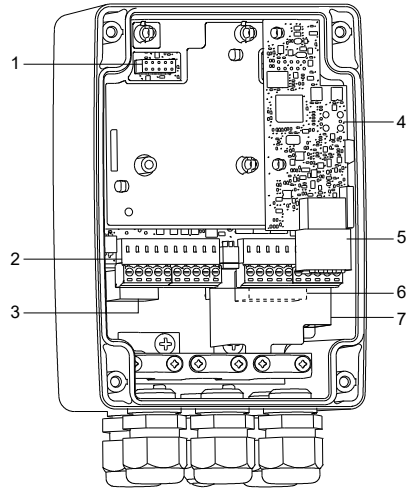
**CAUTION****Hot surface**

Minor or moderate personal injury

- Do not touch the pump. The surface may be hot.



All installation work must only be carried out by qualified and authorised persons.



T1407652Z

Pos. Description

Pos.	Description
1	CIM connection
2	IO connections
3	GENibus master, connection to the pump
4	VTU board
5	Sensor connections
6	Power supply
7	High-voltage protection cover

Related information

[6.2 Connecting the power supply](#)

[6.3 Connecting GENibus to the pump](#)

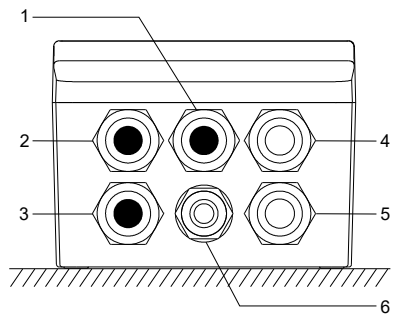
[6.4.1 Mounting the sensor cable](#)

[6.5 Connecting the IO connections](#)

6.1 Terminals



Remember to tighten the cable glands before you switch on the power.
The tightening torque is 1.5 Nm.



TM076411

Pos.	Description
1	Blank (default) Options: antenna, Ethernet or IO
2	Blank (default) Options: antenna, Ethernet or IO
3	Blank (default) Options: GENibus master (pump) or IO
4	VTU sensor
5	Power supply
6	Bluetooth connect button

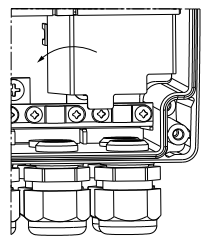
6.2 Connecting the power supply

WARNING Electric shock

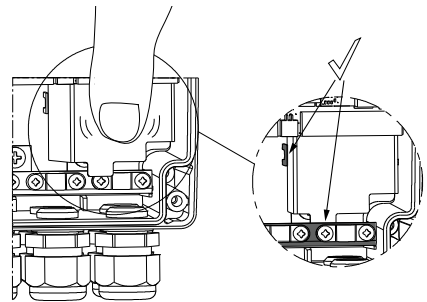


Death or serious personal injury
- Make sure there is proper insulation around the supply cable.
- The protective earth wire must be longer than the neutral and phase wires.

1. Remove the front cover.
2. Remove the sensor connector and the IO connections.
3. Pull the high-voltage protection cover upwards to access the connectors.
4. Lead the supply cable through the cable gland.
5. Connect the supply conductors to earth, N and L.
6. Tighten the cable glands.
7. Fit the high-voltage protection cover again.



TM077422

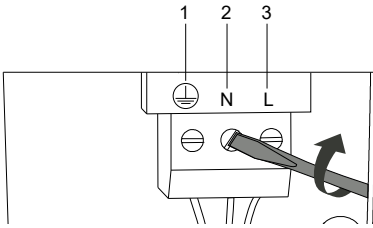


TM077423

Push the cover down firmly

8. Fit the front cover.

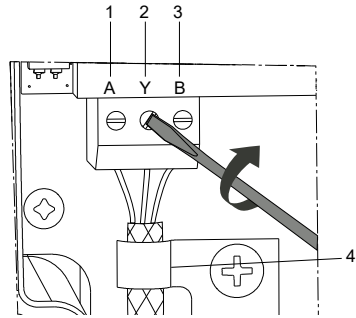
Example:



TMD7646

Electrical connection

Pos.	Description
1	Protective earth terminal
2	Neutral terminal
3	Phase terminal



TMD7645

GENibus connection

Pos.	Designation	Description
1	A	GENibus terminal A. Positive data signal.
2	Y	GENibus terminal Y
3	B	GENibus terminal B. Negative data signal.
4	-	Earth clamp

Related information

- 6. Electrical connection
- 6.2 Connecting the power supply

6.4 Sensor cable



**WARNING
Fall hazard**

Death or serious personal injury
- Follow local working environment regulations.

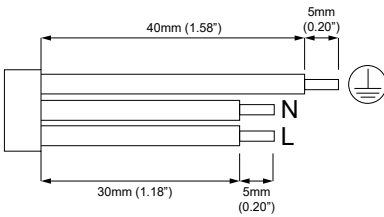
6.4.1 Mounting the sensor cable

1. Read the GiM quick guide to see how to mount the sensor cable.



net.grundfos.com/qr/i/99802939

029802939



TMD7743

Wire requirements

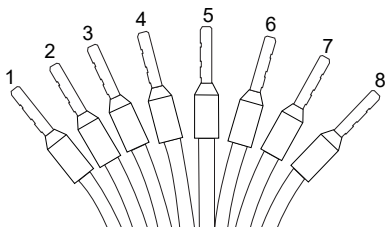
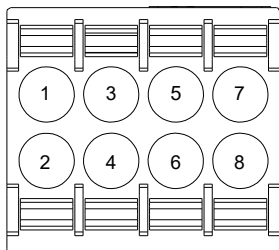
Related information

- 6. Electrical connection
- 6.3 Connecting GENibus to the pump
- 6.5 Connecting the IO connections

6.3 Connecting GENibus to the pump

1. Remove the front cover.
2. Lead the GENibus cable through the cable gland.
3. Connect the conductors to terminals A, Y and B.
4. Connect the cable screen under the earth clamp, and tighten the earth clamp.
5. Tighten the cable gland.
6. Fit the front cover.

Example:



TMO/0427

Pos.	Colour	Designation	Description
1	White	DR	Dry run
2	Brown	V+	Supply
3	Green	GND	Ground
4	Yellow	Rw1	Pt100
5	Grey	Rw2	Pt100
6	Pink	Vin	Analog
7	Blue	GND	Ground
8	Red	GND	Ground

For more information on the VTU sensor, see the data sheet.



C908673130

net.grundfos.com/qr/i/99873130

Related information

6. *Electrical connection*

6.5 Connecting the IO connections

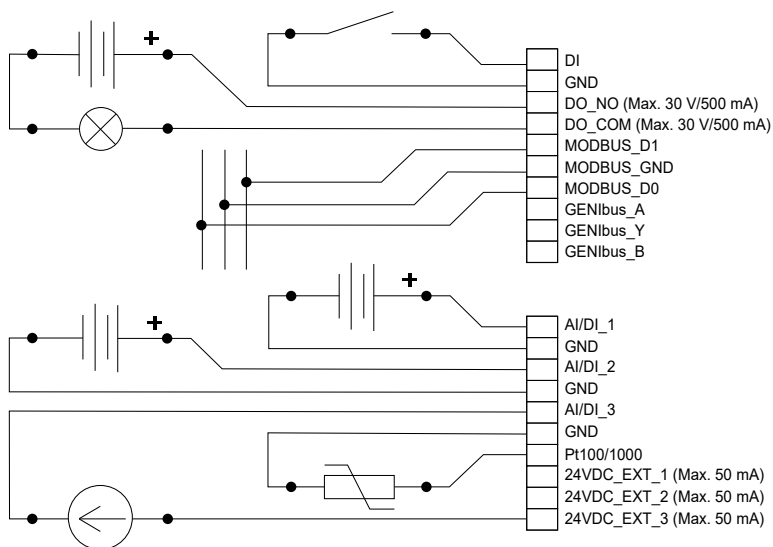
1. Connect the input and output terminals according to the drawing.

WARNING

Electric shock

Death or serious personal injury

- The IO connections of the GIM CIU unit must be connected to SELV or SELV-E circuits only.



Wiring diagram

Options for configuration of connections

Electrical signals	DI	AI/DI 1	AI/DI 2	AI/DI 3	Pt100(0)
Digital input	x				
Analog input, 0 - 20 mA		x	x	x	
Analog input, 4 - 20 mA		x	x	x	
Analog input, 0 - 10 V		x	x	x	
Analog input, 0 - 5 V		x	x	x	
Analog input, 0.5 - 3.5 V		x	x	x	
Pt100					x
Pt1000					x

Related information

[6. Electrical connection](#)

[6.2 Connecting the power supply](#)

7. Starting up the product

7.1 Connecting the unit to Grundfos GO Remote 2.0

Before connecting the product, the Grundfos GO Remote 2.0 app must be downloaded to your smartphone or tablet. The app is free of charge and available for iOS and Android devices.

CAUTION Radiation



Minor or moderate personal injury
- Human tissue may be heated by RF energy. Locate the antenna at a minimum distance of 20 cm (7.87 inches) from any body parts.

1. Open Grundfos GO Remote 2.0 on your device. Make sure that Bluetooth is enabled. Your device must be within reach of the product to establish Bluetooth connection.
2. Press the connect icon in Grundfos GO Remote 2.0.
3. Press the connect button on the product. The blue LED is flashing until your device is connected. Once the connection is established, the LED is permanently on. Grundfos GO Remote 2.0 is now loading the data for the product.
4. Refer to the GiM quick guide for further information regarding startup.



net.grundfos.com/qr/i/99802939

8. Servicing the product

The product cannot be serviced.

- Contact Grundfos. If the product is faulty, it must be replaced.

8.1 Cleaning the product


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

9. Technical data

Electrical supply

Transient overvoltage	Category II
Supply voltage	24-240 VAC/VDC, $\pm 10\%$
Frequency	DC, 50/60 Hz
Max. power consumption	11 W

Cables

	IEC: 0.75 - 4 mm ² UL: 18 - 12 AWG Use a 3-core cable that meets the requirements of the National Electric Code.
Power supply cable	 Use copper or copper-clad aluminum conductors only. Use a power cable with an outer diameter of $\varnothing 6 - 10$ mm only.
Recommended communication cable	Screened, double twisted-pair Cross-section: 0.2 - 0.3 mm ² AWG: 24 - 22 Maximum cable length: 1200 m (4000 ft) Use a communication cable with an outer diameter of $\varnothing 4 - 10$ mm.
Cable entry	5 x M16 $\varnothing 3.5 - 10$ mm clamping range

CPR99802939

Fuses

Back-up fuse	Maximum 10 A. Both standard fuses as well as quick- and slow-blow fuses are suitable.
Short-circuit protection	Use fuses that comply with IEC 60127. USA and Canada (branch circuit protection): Use a UL/CSA listed non-time delay (high capacity) fuse that complies with the UL248 series or an inverse time circuit breaker that complies with UL489. Fuse types RK1, RK5, J, and CC are acceptable.

GENIbus master, for pump connection

Transceiver	RS-485
Protocol	GENIbus
Parity	None
Stop bits	1
Transmission speed	9600 bit/s

GENIbus connection, for Grundfos GO Remote PC

Transceiver	RS-485
Protocol	GENIbus
Parity	None
Stop bits	1
Transmission speed	9600 (default), 19200, 38400, 115200 bit/s

Modbus RTU

Transceiver	RS-485
Protocol	Modbus
Parity	None, odd, even (default)
Stop bits	1 (default), 2
Modbus address	1-247. Default: 247.
Transmission speed	9600 (default), 19200, 38400 bit/s

Environmental conditions

Max. altitude above sea level	2000 m (6562 ft)
Relative humidity	95 %, non-condensing
Pollution degree	Category 3
Enclosure class	IP54 according to IEC 60529 Type 2 according to UL 50 For indoor use only.

Ambient temperature

During operation	-20 to +45 °C (-4 to +113 °F)
During storage	-20 to +60 °C (-4 to +140 °F)
During transport	-20 to +60 °C (-4 to +140 °F)

Related information[4.1 Location](#)**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.

Appendix A

A.1. FCC/ISED general requirements

This device complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This device must be installed and operated with a minimum distance of 20 cm (7.87 inches) between the radiator and your body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

FCC



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 received, including interference that may cause undesired operation.



Changes or modifications made to this equipment not expressly approved by Grundfos may void the user's authority to operate this equipment.

ISED



This device complies with ISED's license-exempt RSSs. 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 user's authority to operate this equipment.

This radio transmitter (IC: 10447A-GIM1A) has been approved by ISED to operate with Grundfos cellular module CIM 280-US (IC: 10447A-CIM2X034G). Only the original Grundfos supplied antenna, part no. 99838775, is permitted.

The maximum antenna gain is:

CDMA850/LTE B5	+0.3 dBi (824-849 MHz)
CDMA1900/LTE B2	-1.2 dBi (1850-1910 MHz)
LTE B4	+1.5 dBi (1710-1755 MHz)
LTE B17	-7.0 dBi (704-716 MHz)
LTE B12	-7.0 dBi (698-716 MHz)
LTE B13	-5.0 dBi (777-787 MHz)

Bluetooth information

Frequency of operation	2400 – 2483.5 MHz (ISM band)
Modulation type	GFSK
Data rate	1 Mbps
Transmit power	5 dBm EIRP with internal antenna

A.2. Exposition aux radiations de fréquence radio

Cet appareil est conforme aux limites FCC et ISED d'exposition aux radiations qui ont été définies pour un environnement non contrôlé. Cet appareil doit être installé et fonctionner à une distance d'au moins 20 cm (7.87 in) du radiateur et de votre corps. Il ne doit ni se situer, ni fonctionner conjointement avec une autre antenne ou un autre émetteur.

Cet appareil est conforme au paragraphe 15 des règlements du FCC et aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence.



L'exploitation est autorisée aux deux conditions suivantes:

1. l'appareil ne doit pas produire de brouillage, et
2. l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



Toute modification apportée à cet appareil n'étant pas explicitement approuvée par Grundfos peut annuler l'autorisation du FCC à faire fonctionner cet appareil.


Informations Bluetooth

Fréquence de fonctionnement	2400 - 2483,5 MHz (bande ISM)
Type de modulation	GFSK
Débit de données	1 Mbps
Puissance de transmission	PIRE 5 dBm avec antenne interne

Appendix B

B.1. China RoHS, table C

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr6+)	多溴联苯 (PBB)	多溴联苯醚 (PBDE)
印刷电路板	X	O	O	O	O	O
紧固件	X	O	O	O	O	O
<p>本表格依据 SJ/T 11364 的规定编制</p> <p>O: 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。 X: 表示该有害物质至少在该部件的某一均质材料中的含量超出 GB/T 26572 该规定的限量要求。</p> <p> 该产品环保使用期限为 10 年，标识如左图所示。 此环保期限只适用于产品在安装与使用说明书中所规定的条件下工作</p>						

Declaration of conformity

GB: EU declaration of conformity

We, Grundfos, declare under our sole responsibility that the product GiM 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: Prohlášení o shodě EU

My firma Grundfos prohlašujeme na svou plnou odpovědnost, že výrobek GiM CIU, na který se toto prohlášení vztahuje, je v souladu s níže uvedenými ustanoveními směrnice Rady pro sblížení právních předpisů členských států Evropského společenství.

DK: EU-overensstemmelseserklæring

Vi, Grundfos, erklærer under ansvar at produktet GiM 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 de la UE

Grundfos declara, bajo su exclusiva responsabilidad, que el producto GiM CIU al que hace referencia la siguiente declaración cumple lo establecido por las siguientes Directivas del Consejo sobre la aproximación de las legislaciones de los Estados miembros de la UE.

FR: Déclaration de conformité UE

Nous, Grundfos, déclarons sous notre seule responsabilité, que le produit GiM CIU, auquel se réfère cette déclaration, est conforme aux Directives du Conseil concernant le rapprochement des législations des États membres UE relatives aux normes énoncées ci-dessous.

HR: EU deklaracija sukladnosti

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

IT: Dichiarazione di conformità UE

Grundfos dichiara sotto la sua esclusiva responsabilità che il prodotto GiM 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 ЕО

Ние, фирма Grundfos, заявяваме с пълна отговорност, че продуктът GiM CIU, за който се отнася настоящата декларация, отговаря на следните директиви на Съвета за уеднаквяване на правните разпоредби на държавите-членки на ЕО.

DE: EU-Konformitätserklärung

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

EE: EÜvastavusdeklaratsioon

Meie, Grundfos, kinnitame ja kanname ainuisikulist vastutust selle eest, et toode GiM CIU, mille kohta all olev deklaratsioon käib, on kooskõlas Nõukogu Direktiividega, mis on nimetatud all pool vastavalt vastuvõetud õigusaktidele ühtlustamise kohta EÜ liikmesriikides.

FI: EU-vaatimustenmukaisuusvakuutus

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

GR: Δήλωση συμμόρφωσης ΕΕ

Εμείς, η Grundfos, δηλώνουμε με αποκλειστικά δική μας ευθύνη ότι το προϊόν GiM 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 megfelelőségi nyilatkozat

Mi, a Grundfos vállalat, teljes felelősséggel kijelentjük, hogy a(z) GiM 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 pareiškiamo, kad produktas GiM CIU, kuriam skirta ši deklaracija, atitinka žemiau nurodytas Tarybos Direktyvas dėl ES šalių narių įstatymų suderinimo.

LV: ES atbilstības deklarācija

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

PL: Deklaracja zgodności UE

My, Grundfos, oświadczamy z pełną odpowiedzialnością, że nasz produkt GiM CIU, którego deklaracja niniejsza dotyczy, jest zgodny z następującymi dyrektywami Rady w sprawie zbliżenia przepisów prawnych państw członkowskich.

RO: Declarația de conformitate UE

Noi Grundfos declarăm pe propria răspundere că produsul GiM CIU, la care se referă această declarație, este în conformitate cu Directivele de Consiliu specificate mai jos privind armonizarea legilor statelor membre UE.

RU: Декларация о соответствии нормам ЕС

Мы, компания Grundfos, со всей ответственностью заявляем, что изделие GiM CIU, к которому относится нижеприведённая декларация, соответствует нижеприведённым Директивам Совета Евросоюза о тождественности законов стран-членов ЕС.

SI: Izjava o skladnosti EU

V Grundfosu s polno odgovornostjo izjavljamo, da je izdelek GiM CIU, na katerega se spodnja izjava nanaša, v skladu s spodnjimi direktivami Sveta o približevanju zakonodaje za izenačevanje pravnih predpisov držav članic EU.

TR: AB uygunluk bildirgesi

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

CN: 欧盟符合性声明

我们，格兰富，在我们的全权责任下声明，产品 GiM CIU 系列，其制造和性能完全符合以下所列欧盟委员会指令。

NL: EU-conformiteitsverklaring

Wij, Grundfos, verklaren geheel onder eigen verantwoordelijkheid dat product GiM 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 GiM CIU, ao qual diz respeito a declaração abaixo, está em conformidade com as Directivas do Conselho sobre a aproximação das legislações dos Estados Membros da UE.

RS: Deklaracija o usklađenosti EU

Mi, kompanija Grundfos, izjavljujemo pod punom vlastitom odgovornošću da je proizvod GiM CIU, na koji se odnosi deklaracija ispod, u skladu sa dole prikazanim direktivama Saveta za usklađivanje zakona država članica EU.

SE: EU-försäkran om överensstämmelse

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

SK: ES vyhlásenie o zhode

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

UA: Декларація відповідності директивам EU

Ми, компанія Grundfos, під нашу одноосібну відповідальність заявляємо, що виріб GiM CIU, до якого відноситься нижченаведена декларація, відповідає директивам EU, переліченим нижче, щодо тотожності законів країн-членів ЄС.

NO: EUs samsvarsærklæring

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

(EU) إقرار مطابقة الاتحاد الأوروبي

نقر نحن، جروندفوس، بمقتضى مسؤوليتنا الفردية بأن المنتج GiM CIU، الذي يختص به الإقرار أدناه، يكون مطابقاً لتوجيهات المجلس المذكورة أدناه بشأن التقريب بين قوانين الدول أعضاء الاتحاد الأوروبي.
(EU)

- Radio Equipment Directive 2014/53/EU.
Standards used:
EN 61010-1:2010
EN 301 489-1 ver. 2.2.0
EN 301 489-17 ver. 3.2.4
EN 301 489-52 ver. 1.3.1
EN 301 908-1 ver. 11.1.1
EN 301 908-2 ver. 1.1.2
EN 301 908-13 ver. 11.1.2
EN 301 511 ver. 12.5.1
EN 300 328 ver. 2.2.0
- RoHS 2 Directives (2011/65/EU and 2015/863/EU).
Standard used:
EN IEC 63000:2018

This EC declaration of conformity is only valid when published as part of the Grundfos installation and operating instructions (publication number 99802941).

Bjerringbro, 1/November/2020



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Revision Info

Last revised on 09-09-2020

99802941 11.2020

ECM 1299999
