

# Grundfos MI 301

Installation and operating instructions



**Grundfos MI 301**  
Quick guide  
<http://net.grundfos.com/qr/i/98133720>



# Grundfos MI 301

---

## English (GB)

|   |           |
|---|-----------|
| Installation and operating instructions .....     | 4         |
| <b>EU Declaration of conformity .....</b>         | <b>12</b> |
| <b>UK Declaration of conformity .....</b>         | <b>14</b> |
| <b>Supplier's Declaration of Conformity .....</b> | <b>15</b> |
| <b>Operating manual EAC .....</b>                 | <b>16</b> |

## Original installation and operating instructions

## Table of contents

|   |           |
|---|-----------|
| <b>1. General information</b>   | <b>4</b>  |
| 1.1 Hazard statements   | 4         |
| 1.2 Notes   | 4         |
| <b>2. Product introduction</b>  | <b>5</b>  |
| 2.1 Intended use  | 5         |
| 2.2 Scope of delivery   | 5         |
| 2.3 Nameplate   | 5         |
| 2.4 Supported Grundfos products   | 6         |
| 2.5 Status LEDs   | 6         |
| <b>3. Installation requirements</b>   | <b>7</b>  |
| 3.1 EU  | 7         |
| 3.2 Radio frequency radiation exposure information (for Canada and US only) | 7         |
| 3.3 EMC statements for USA  | 7         |
| 3.4 EMC statements for Canada   | 7         |
| 3.5 Safety precautions for UK   | 7         |
| <b>4. Wireless connection</b>   | <b>7</b>  |
| 4.1 Pairing and connecting your smartphone                                  | 7         |
| 4.2 Radio connection  | 8         |
| 4.3 IR connection   | 9         |
| <b>5. Maintenance</b>   | <b>9</b>  |
| 5.1 Cleaning  | 9         |
| 5.2 Battery   | 9         |
| 5.3 Software update   | 9         |
| <b>6. Fault finding the product</b>   | <b>10</b> |
| 6.1 The app does not start or freezes                                       | 10        |
| 6.2 The MI 301 cannot connect via infrared (IR)                             | 10        |
| 6.3 The MI 301 cannot connect via radio                                     | 10        |
| 6.4 The connection between the smartphone and the MI 301 is lost            | 10        |
| 6.5 The MI 301 is not shown in the list in Grundfos GO or GO Remote         | 10        |
| <b>7. Technical data</b>  | <b>11</b> |
| <b>8. Disposing of the product</b>  | <b>11</b> |
| <b>9. Document quality feedback</b>   | <b>11</b> |

## 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.

## 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

Grundfos GO or GO Remote can be used to establish wireless connection to Grundfos products. It is available at Apple App Store and Google Play Store.

Grundfos GO or GO Remote must be used in conjunction with the following MI (mobile interface):

- Grundfos MI 301.

The MI 301 has built-in infrared (IR) and radio communication.



The Grundfos product you want to connect to must support either IR communication or radio communication. See the section for supported Grundfos products.

### Related information

#### [2.4 Supported Grundfos products](#)

### 2.1 Intended use

This product is intended for remote control of Grundfos products.

### 2.2 Scope of delivery

The MI 301 is a module that connects to an Android or iOS-based smartphone via Bluetooth Low Energy (BLE). The MI 301 has a rechargeable Li-ion battery.

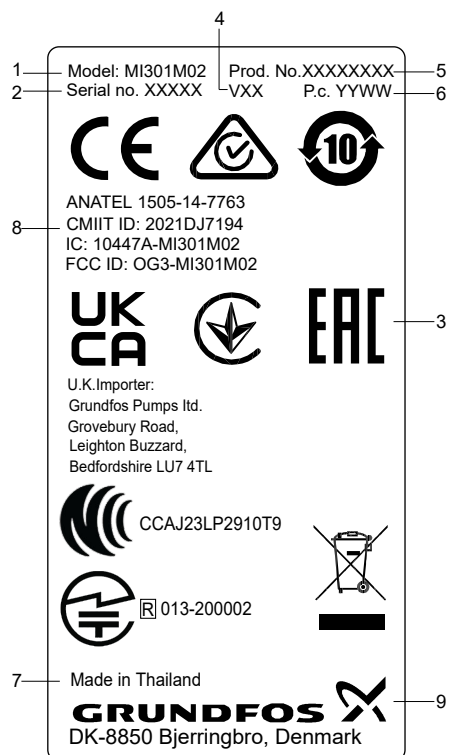
- Grundfos MI 301 (M02)
- battery charger (only for part number 98046408)
- USB cable
- quick guide.



MI 301

TM0538901

## 2.3 Nameplate



TM079076

### Example of a nameplate

| Pos. | Description                                     |
|------|---|
| 1    | Model   |
| 2    | Serial number                                   |
| 3    | Markings and approvals                          |
| 4    | Production version number                       |
| 5    | Product number                                  |
| 6    | Production code (year and week)                 |
| 7    | Production site                                 |
| 8    | IC and FCC text (only relevant for UL variants) |
| 9    | Address of manufacturer                         |

## 2.4 Supported Grundfos products

Find the right communication type in the list below.

| Product   | Communication |                 |
|---|---------------|-----------------|
|   | IR            | Radio           |
| MAGNA3 circulator                               |               | •               |
| UPE and MAGNA circulators                       | •             |                 |
| CME, CHIE, MTRE multistage pumps                | •             | • <sup>1)</sup> |
| CRE, CRNE, CRIE multistage pumps                | •             | • <sup>1)</sup> |
| TPE single-stage pump                           | •             | • <sup>1)</sup> |
| NBE, NKE single-stage pumps                     | •             | • <sup>1)</sup> |
| MP 204 motor protector                          | •             |                 |
| Grundfos Hydro Multi-E booster system           | •             | • <sup>1)</sup> |
| Grundfos AUTOADAPT sewage system (CIU 272/902)  | •             | • <sup>2)</sup> |
| IO 351 module                                   | •             |                 |
| CU 3 motor protector                            | •             |                 |
| CU 300, 301 controllers                         | •             |                 |
| CIU 273 SQFlex/CIU 903                          | •             |                 |
| CU 362 Dedicated Controls wastewater controller |               | • <sup>2)</sup> |
| CIM 290   |               | •               |
| CIM 550   |               | •               |
| LC 2XX  |               | •               |

<sup>1)</sup> Only MGE motors, model H or later

<sup>2)</sup> Only with add-on CIM 060 module

### Related information

[2. Product introduction](#)

[4.1.1 Grundfos GO Remote](#)

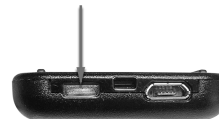
[4.2 Radio connection](#)

[6.2 The MI 301 cannot connect via infrared \(IR\)](#)

[6.3 The MI 301 cannot connect via radio](#)

## 2.5 Status LEDs

| LED status                                 | Description                              |
|--|--|
| Permanently green                          | The product is charging.                 |
| Flashing blue, 3 seconds                   | The product is searching for connection. |
| Flashing green, 3 seconds                  | The product is connected.                |
| Flashing green or blue quickly, 0.5 second | The product is almost discharged.        |



Placement of the LED



Link to the MI 301 quick guide

TM079073

QR98133720

### 3. Installation requirements



The product must be used as described in these installation and operating instructions, and may not be co-located or used in conjunction with any other antenna or transmitter.

#### 3.1 EU

The radio part of this product can be operated in the EU without restrictions.

#### 3.2 Radio frequency radiation exposure information (for Canada and US only)

This equipment complies with FCC and Canadian radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

#### 3.3 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.



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.
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 authorization to operate this equipment.

#### 3.4 EMC statements for Canada

This device contains license-exempt transmitter(s)/receiver(s) that comply with license-exempt RSS(s) Innovation, Science and Economic Development Canada. Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

#### 3.5 Safety precautions for UK



The MI 301 is not intended for use in any home appliance, home automation, home control system or consumer product in the UK.

### 4. Wireless connection

The center indicator light in the Grundfos Eye indicates communication with Grundfos GO or GO Remote.



Grundfos Eye

For more information, see the installation and operating instructions for the connected product.

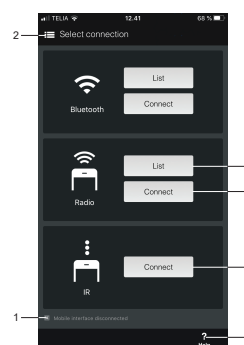
#### Related information

[4.2 Radio connection](#)

[4.3 IR connection](#)

### 4.1 Pairing and connecting your smartphone

#### 4.1.1 Grundfos GO Remote



Connecting to a Grundfos product

| Pos. | Action  |
|------|---|
| 1    | Check that your mobile interface has been connected.                                      |
| 2    | Press or slide to open or close the menu.   |
| 3    | <b>Radio - List:</b> Search for radio-enabled Grundfos products within range.             |
| 4    | <b>Radio - Connect:</b> Connect directly to a specific Grundfos product via radio.        |
| 5    | <b>IR - Connect:</b> Connect directly to a specific Grundfos product via infrared signal. |
| 6    | Press <b>Help</b> for on-screen guidance.   |



Link to MI 301 quick guide

#### Related information

[2.4 Supported Grundfos products](#)

[4.2 Radio connection](#)

[4.3 IR connection](#)

TM053552

TM053529

QR98133720

#### 4.1.1.1 Pairing in Grundfos GO Remote

To use the MI 301 with your smartphone, you must first pair them.

1. Open the main menu in the upper left corner of Grundfos GO Remote.
2. For iOS smartphones, select **Remote > Connect** and follow on-screen instructions.
3. For Android smartphones, select **Settings > Remote > Pair with MI** and follow on-screen instructions.

#### 4.1.2 Pairing in Grundfos GO

To use the MI 301 with your smartphone, you must first pair them in the Grundfos GO app.

1. Open the Grundfos GO app, and select the **Remote** tab.
2. Select **Press to connect**.
3. Select **MI301** in the lower right corner.
4. Press **Connect** and follow the on-screen instructions.

#### 4.1.3 Connecting to Grundfos GO or GO Remote

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

1. Open Grundfos GO or GO Remote on your smartphone. Make sure that Bluetooth is enabled.
 

Make sure that your smartphone and the MI 301 are charged. Your smartphone and the MI 301 must be within range of each other to establish Bluetooth connection.
2. Switch on the MI 301 by pressing its power button. The indicator light starts flashing blue, indicating that the MI 301 is ready for connection.
3. Press the connect icon in the app.
4. The blue LED is flashing until your smartphone is connected. Once the connection is established, the LED starts flashing green.
5. The MI 301 is now ready to establish a connection to a Grundfos product. Keep the MI 301 within range of the Grundfos product you want to connect to.

## 4.2 Radio connection

**Radio - List** and **Radio - Connect** are methods for radio communication between Grundfos GO Remote and a Grundfos product.

Check the section concerning supported Grundfos products to see if your Grundfos product is supported.

Use **Radio - List** for products that are difficult to access physically, or for a quick status overview. You must unlock the Grundfos product when you connect to it for the first time. A padlock shows whether the product is locked or unlocked.

Use **Radio - Connect** for quick and direct access to the product.



The Grundfos product is locked.



The Grundfos product is unlocked.

#### Related information

[2.4 Supported Grundfos products](#)

[4. Wireless connection](#)

[4.1.1 Grundfos GO Remote](#)

[4.2.1.1 Connecting to a product using Radio - List](#)

[4.2.1.2 Connecting to a product using Radio - Connect](#)

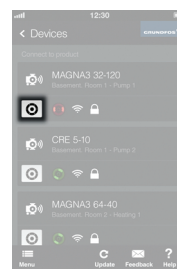
[6.3 The MI 301 cannot connect via radio](#)

## 4.2.1 Connecting to a product using Grundfos GO Remote

### 4.2.1.1 Connecting to a product using Radio - List

Follow the procedure below to unlock and connect to a product:

1. Press **List** next to **Radio**.
2. All products within radio range are listed. It may take some time to scan for all products.
3. The list shows the product name, pump status, signal strength and whether the product is locked or unlocked.
4. Use the wink command to identify the product you have selected. When you press the symbol, an indicator light starts flashing on the product. See the section concerning signaling communication with remote control. Press the symbol again to stop the wink.



#### Wink symbol

5. Press the product name to connect to the product.
6. If the product is locked, press **OK** or a dedicated connection button on the product.
7. The data is loading. It may take some time.
8. Connection has been established, and Grundfos GO Remote shows the product dashboard.
9. Press **Disconnect** to disconnect the product and connect to another one.

#### Related information

[4.2 Radio connection](#)

### 4.2.1.2 Connecting to a product using Radio - Connect

Follow the procedure below to establish connection:

1. Press **Connect** next to **Radio**.
2. The indicator light in the centre of the Grundfos Eye is flashing on all supported products within range. Press **OK** or a dedicated connection button on the product you want to connect to.
3. The data is loading. It may take some time.
4. A connection is established, and Grundfos GO Remote shows the product dashboard.
5. Press **Disconnect** to disconnect the product and connect to another one.

#### Related information

[4.2 Radio connection](#)

### 4.2.2 Connecting to a product using radio in Grundfos GO

Follow the procedure below to establish connection:

1. Press **CONNECT**.
 

Grundfos GO automatically searches for products within range.
2. Press **CONNECT** next to the product you want to connect to.
  - Press the connect button on the product you want to connect to. The button differs from product to product.
  - Select **Use pairing code**, enter the Connection code, and press **CONNECT**.
 

The Connection code can be found on the Settings page of the product.
3. Connection is established.



### 4.3 IR connection

**IR - Connect** is a method of infra-red communication with the Grundfos product.

#### Related information

#### 4. Wireless connection

##### 4.1.1 Grundfos GO Remote

##### 6.2 The MI 301 cannot connect via infrared (IR)

#### 4.3.1 Connecting to a product using Grundfos GO Remote

##### 4.3.1.1 Connecting to a product using IR - Connect

Follow the procedure below to establish connection:



The infrared transmitter is located at the end of the MI 301 opposite to the power button.

1. Point the infrared transmitter on the MI 301 at the infrared receiver on the Grundfos product. The distance must not be more than 1 metre.
2. Press **Connect** next to **IR**.  
The MI 301 is connecting to the Grundfos product via IR.  
The data is loading. This may take some time.
3. Hold the MI 301 steady until all data have been read. An indicator light on the product flashes when the product is communicating via IR.  
When the connection is established, Grundfos GO Remote shows the product dashboard.
4. Press **Disconnect** to disconnect the product and connect to another one.

##### 4.3.2 Connecting to a product using IR in Grundfos GO

Follow the procedure below to establish connection:

1. Press **CONNECT**.  
Grundfos GO automatically searches for products within range.
2. Press **CONNECT VIA IR** and follow the on-screen instructions.
3. Connection is established.

## 5. Maintenance

### 5.1 Cleaning

Clean the product with a dry, soft cloth.

### 5.2 Battery

#### WARNING

##### Explosive environment

Death or serious personal injury



- Disposal of the battery or the complete unit into fire or a hot oven, or mechanically crushing it or cutting the battery can result in an explosion.

The rechargeable Li-ion battery of the MI 301 complies with the battery directive (2006/66/EC). It does not contain mercury, lead or cadmium.

To preserve battery life, the MI 301 automatically switches off when not connected. To switch it off manually, press the power button until the LEDs are switched off and then release the button. To switch it on, press the power button.

#### 5.2.1 Charging

This product has a rechargeable battery. If the battery needs charging, the indicator light on the MI 301 flashes every 0.5 second. It can be charged by the USB cable and the charger. Full charging time is four hours. While connected to the charger, the green indicator light is switched on.

#### CAUTION

##### Fire

Minor or moderate personal injury



- Do not charge the battery if the ambient temperature exceeds +45 °C.

#### Related information

[6.4 The connection between the smartphone and the MI 301 is lost](#)

### 5.3 Software update

You are automatically notified via Grundfos GO or GO Remote when software updates are available. Follow the on-screen instructions.

## 6. Fault finding the product

### 6.1 The app does not start or freezes

| Cause                        | Remedy  |
|------------------------------|---|
| The app has to be restarted. | <ul style="list-style-type: none"> <li>Close the app and restart it.</li> </ul> |

### 6.2 The MI 301 cannot connect via infrared (IR)

| Cause  | Remedy  |
|--|---|
| The MI 301 is too far away from the product. | <ul style="list-style-type: none"> <li>Hold the MI 301 closer to the product, pointing the infrared transmitter at the product. The infrared transmitter is located at the end of the MI 301 opposite to the power button.</li> </ul> |
| The transmission angle is incorrect.         | <ul style="list-style-type: none"> <li>Point the MI 301 at the IR receiver on the product, <math>\pm 12^\circ</math>.</li> </ul>  |
| There is a problem with the app.             | <ul style="list-style-type: none"> <li>Restart the app.</li> </ul>  |
| There is no IR on the pump.                  | <ul style="list-style-type: none"> <li>Your product may not support IR. See section about supported Grundfos products.</li> </ul>   |

#### Related information

[2.4 Supported Grundfos products](#)

[4.3 IR connection](#)

### 6.3 The MI 301 cannot connect via radio

| Cause  | Remedy  |
|--|---|
| The MI 301 is too far away from the product. | <ul style="list-style-type: none"> <li>Hold the MI 301 closer to the product.</li> </ul>  |
| There is a problem with the app.             | <ul style="list-style-type: none"> <li>Restart the app.</li> </ul>  |
| The product has no radio connection.         | <ul style="list-style-type: none"> <li>Your product may not support radio. See the section concerning supported Grundfos products.</li> </ul> |

#### Related information

[2.4 Supported Grundfos products](#)

[4.2 Radio connection](#)

### 6.4 The connection between the smartphone and the MI 301 is lost

The display shows **Mobile interface disconnected**.

| Cause  | Remedy  |
|--|---|
| The distance between the two devices is outside the Bluetooth range. | <ul style="list-style-type: none"> <li>Move the smartphone closer to the MI 301. If this does not solve the problem, it may be necessary to pair the two products again in the <b>GO settings</b>.</li> </ul> |
| Battery is low.  | <ul style="list-style-type: none"> <li>Charge the battery for two to four hours.</li> </ul>   |

#### Related information

[5.2.1 Charging](#)

### 6.5 The MI 301 is not shown in the list in Grundfos GO or GO Remote

| Cause  | Remedy   |
|--|--|
| The distance between the two devices is outside the Bluetooth range. | <ul style="list-style-type: none"> <li>Move the smartphone closer to the MI 301.</li> </ul>  |
| The MI 301 is switched off.  | <ul style="list-style-type: none"> <li>Switch on the MI 301 using the power button. The indicator light starts flashing blue.</li> <li>Charge the MI 301.</li> </ul> |

## 7. Technical data

|   |  |
|---|--|
| Built-in battery                                  | Li-ion battery 3.7 V, 500 mAh, 1.85 Wh |
| Current consumption                               | Max. 30 mA                             |
| Charging time                                     | 5 hours                                |
| Enclosure class                                   | IP40                                   |
| Operating time (30 mA consumption, 100 % battery) | Min. 8 hours                           |

### IR communication

|                    |               |
|--------------------|---------------|
| Transmission angle | ± 12°         |
| Range              | Min. 2 metres |

### Radio communication (GlowPAN)

|                |   |
|----------------|---|
| Band           | IEEE 802.15.4, 2400 - 2483.5 MHz                            |
| Range          | Up to 30 metres in free environment (no angle restrictions) |
| Transmit power | Max. 0 dBm (1 mW)   |

### Bluetooth Low Energy

|                |                   |
|----------------|-------------------|
| Band           | BLE 2402-2480 MHz |
| Range          | Up to 10 metres   |
| Transmit power | Max. 5 dBm (3 mW) |

### Environment

|                       |                                |
|-----------------------|--------------------------------|
| Relative air humidity | Max. 95 %                      |
| Operating temperature | -10 to +50 °C<br>-4 to +122 °F |
| Storage temperature   | -20 to +70 °C<br>-4 to +158 °F |

## 8. 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).

## 9. Document quality feedback

To provide feedback about this document, scan the QR code using your phone's camera or a QR code app.



[Click here to submit your feedback](#)

FEEDBACK92555648

## EU Declaration of conformity

**GB: EU declaration of conformity**

We, Grundfos, declare under our sole responsibility that the product Grundfos MI 301, 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 Grundfos MI 301, 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 Grundfos MI 301 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 Grundfos MI 301 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 Grundfos MI 301, 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 Grundfos MI 301, 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 Grundfos MI 301, al quale si riferisce questa dichiarazione, è conforme alle seguenti direttive del Consiglio riguardanti il riavvicinamento delle legislazioni degli Stati membri UE.

**LV: ES atbilstības deklarācija**

Sabiedrība Grundfos ar pilnu atbildību paziņo, ka produkts Grundfos MI 301, uz kuru attiecas tālāk redzamā deklarācija, atbilst tālāk norādītajām Padomes direktīvām par ES dalībvalstu normatīvo aktu tuvināšanu.

**PL: Deklaracja zgodności UE**

My, Grundfos, oświadczamy z pełną odpowiedzialnością, że nasz produkt Grundfos MI 301, 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 Grundfos MI 301, la care se referă această declarație, este în conformitate cu Directivele de Consiliu specificate mai jos privind armonizarea legilor statelor membre UE.

**SE: EU-försäkran om överensstämmelse**

Vi, Grundfos, försäkrar under ansvar att produkten Grundfos MI 301, som omfattas av nedanstående försäkran, är i överensstämmelse med de rättsdirektiv 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 Grundfos MI 301, na ktorý sa vyhlásenie uvedené nižšie vzťahuje, je v súlade s ustanoveniami nižšie uvedených smerníc Rady pre zblíženie právnych predpisov členských štátov EÚ.

**BG: Декларация за съответствие на ЕО**

Ние, фирма Grundfos, заявяваме с пълна отговорност, че продуктът Grundfos MI 301, 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 Grundfos MI 301, 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 Grundfos MI 301, 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 Grundfos MI 301, 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 Grundfos MI 301, 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) Grundfos MI 301 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 Grundfos MI 301, kuriam skirta ši deklaracija, atitinka žemiau nurodytas Tarybos Direktyvas dėl ES šalių narių įstatymų suderinimo.

**NL: EU-conformiteitsverklaring**

Wij, Grundfos, verklaren geheel onder eigen verantwoordelijkheid dat product Grundfos MI 301, 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 Grundfos MI 301, 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 Grundfos MI 301, na koji se odnosi deklaracija ispod, u skladu sa dole prikazanim direktivama Saveta za usklađivanje zakona država članica EU.

**SI: Izjava o skladnosti EU**

V Grundfosu s polno odgovornostjo izjavljamo, da je izdelek Grundfos MI 301, 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 Grundfos MI 301 ürünlerinin, AB üye ülkelerinin direktiflerinin yakınlaştırılmasıyla ilgili durumun aşağıdaki Konsey Direktifleriyle uyumlu olduğunu ve bununla ilgili olarak tüm sorumluluğun bize ait olduğunu beyan ederiz.

**UA: Декларація відповідності директивам EU**

Ми, компанія Grundfos, під нашу одноосібну відповідальність заявляємо, що виріб Grundfos MI 301, до якого відноситься нижченаведена декларація, відповідає директивам EU, переліченим нижче, щодо тотожності законів країн-членів ЄС.

**JP: EU 適合宣言**

Grundfos は、その責任の下に、Grundfos MI 301 製品が EU 加盟諸国の法規に関連する、以下の評議会指令に適合していることを宣言します。

**TW: EU 合格聲明**

葛蘭富根據我們唯一的責任，茲聲明與以下聲明相關之 Grundfos MI 301 產品，符合下列近似 EU 會員國法律之議會指令。

**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 Grundfos MI 301 系列，其制造和性能完全符合以下所列欧盟委员会指令。

**NO: EUs samsvarsærklæring**

Vi, Grundfos, erklærer under vårt eneansvar at produktet Grundfos MI 301, 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).  
Standards used:  
EN 300 328: V2.2.2  
EN 301 489-01: V2.2.3  
EN 301 489-17: V3.2.24  
EN IEC 61000-6-2:2019  
EN 62368-1:2018  
EN 50566:2017
- Battery Directive (2006/66/EC).  
Standard used:  
IEC 62133-2:2017
- RoHS 2 Directive (2011/65/EU and 2015/863/EU)  
Standard used:  
EN IEC 63000:2018
- WEEE Directive (2012/19/EU, 2002/96/EC and 2003/108/EC)  
Standard used:  
EN 50419:2006

This declaration of conformity is only valid when published as part of the Grundfos safety instructions (publication number 98133720), or the Grundfos installation and operating instructions (publication number 92555648).

Bjerringbro, 5th April 2024



Mikkel Børlum Petersen  
Head of PD Solutions & Modules  
Grundfos Holding A/S  
Poul Due Jensens Vej 7  
8850 Bjerringbro, Denmark  
www.grundfos.com

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

## UK Declaration of conformity

---

### 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:

MI301M02

---

- Radio Equipment Regulations 2017.  
Standards used:  
EN 300 328: V2.2.2  
EN 301 489-01: V2.2.3  
EN 301 489-17: V3.2.24  
EN IEC 61000-6-2:2019  
EN 62368-1:2018  
EN 50566:2017
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2019  
Standards used:  
EN IEC 63000:2018

This declaration of conformity is only valid when published as part of the Grundfos safety instructions (publication number 98133720), or the Grundfos installation and operating instructions (publication number 92555648).

Bjerringbro, 5th April 2024



Mikkel Børlum Petersen  
Head of PD Solutions & Modules  
Grundfos Holding A/S  
Poul Due Jensens Vej 7  
8850 Bjerringbro, Denmark  
[www.grundfos.com](http://www.grundfos.com)

Manufacturer and person empowered to sign the UK declaration of conformity.  
10000326727

## Supplier's Declaration of Conformity

---

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

Unique identifier: MI301M02, 98046408

Responsible Party – U.S. Contact Information:

Grundfos Americas Corporation

856 Koomey Rd.

Brookshire, TX 77423

[www.grundfos.us](http://www.grundfos.us)

---

### **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 received, including interference that may cause undesired operation.

10000592292

RUS

**MI301****Руководство по эксплуатации**

Руководство по эксплуатации на данное изделие является составным и включает в себя несколько частей:

Часть 1: настоящее «Руководство по эксплуатации».

Часть 2: электронная часть «Паспорт. Руководство по монтажу и эксплуатации» размещенная на сайте компании Грундфос. Перейдите по ссылке, указанной в конце документа.

Часть 3: информация о сроке изготовления, размещенная на фирменной табличке изделия.

Сведения о подтверждении соответствия:

Устройства беспроводной связи для передачи данных, модели MI301 декларированы на соответствие требованиям Технического регламента Таможенного союза ТР ТС 020/2011 «Электромагнитная совместимость технических средств».

KAZ

**MI301****Пайдалану бойынша нұсқаулық**

Атаулы өнімге арналған пайдалану бойынша нұсқаулық құрамалы болып келеді және келесі бөлімдерден тұрады:

1 бөлім: атаулы «Пайдалану бойынша нұсқаулық»

2 бөлім: Грундфос компаниясының сайтында орналасқан электронды бөлім «Төлқұжат, Құрастыру және пайдалану бойынша нұсқаулық». Құжат соңында көрсетілген сілтеме арқылы өтіңіз.

3 бөлім: өнімнің фирмалық тақтасында орналасқан шығарылған уақыты жөніндегі мәлімет Сәйкестікті растау туралы ақпарат:

Мәліметтерді таратуға арналған сымсыз байланыс құрылғылары, MI301 моделі, Кеден одағының ТР КО 020/2011 «Техникалық жабдықтың электромагниттік үйлесімділігі» техникалық регламенттерінің талаптарына сәйкестігі туралы декларацияланған.

KG

**MI301****Пайдалануу боюнча колдонмо**

Аталган жабдууну пайдалануу боюнча колдонмо курамдык жана өзүнө бир нече бөлүкчөнү камтыйт:

1-Бөлүк: «Пайдалануу боюнча колдонмо»

2-Бөлүк: «Паспорт. Пайдалануу жана монтаж боюнча колдонмо» электрондук бөлүгү Грундфос компаниянын сайтында жайгашкан. Документтин аягында көрсөтүлгөн шилтемеге кайрылыңыз.

3-Бөлүк: жабдуунун фирмалык тактасында жайгашкан даярдоо мөөнөтү тууралуу маалымат.

Шайкештикти тастыктоо жөнүндө маалымат:

Маалыматтарды берүү үчүн зымсыз байланыш каражаттары, MI301 модели, Бажы бирлигинин TR CU 020/2011 техникалык регламентинин "Техникалык шаймандардын электромагниттик шайкештиги" талаптарына шайкештиги жөнүндө декларацияланган.



ARM

# MI301

## Շահագործման ձեռնարկ

Տվյալ սարքավորման շահագործման ձեռնարկը բաղկացած է մի քանի մասերից.

Մաս 1. սույն «Շահագործման ձեռնարկ»:

Մաս 2. էլեկտրոնային մաս. այն է՝ «Անձնագիր: Մոնտաժման և

շահագործման ձեռնարկ» տեղադրված «Գրունդֆոս». Անցեք փաստաթղթի վերջում նշված հղումով.

Մաս 3. տեղեկություն արտադրման ամսաթվի վերաբերյալ՝ նշված սարքավորման պիտակի վրա:

Տեղեկատվություն համապատասխանության հաստատման մասին.

Տվյալների փոխանցման անլար կապի սարքերը, MI301 մոդելը հայտարարագրվում են Մաքսային միության TR CU 020/2011 «Տեխնիկական սարքավորումների էլեկտրամագնիսական համատեղելիություն» Տեխնիկական կանոնակարգերի պահանջներին համապատասխանելու համար:



<http://net.grundfos.com/qr/i/99279871>

|                   |         |
|-------------------|---------|
| <b>1000362073</b> | 02.2021 |
| ECM: 1308717      |         |

|                         |
|-------------------------|
| <b>92555648</b> 04.2024 |
| ECM: 1381317            |