

# PM PLUS

Installation and operating instructions



GRUNDFOS 



# **PM PLUS**

---

## **English (GB)**

Installation and operating instructions . . . . . 4

# English (GB) Installation and operating instructions

## Original installation and operating instructions

### Table of contents

<b>1.</b>	<b>General information . . . . .</b>	<b>4</b>
1.1	Hazard statements . . . . .	4
1.2	Notes . . . . .	5
<b>2.</b>	<b>Product description . . . . .</b>	<b>5</b>
2.1	Intended use . . . . .	5
2.2	Pumped liquids . . . . .	5
2.3	Dry-running protection . . . . .	6
2.4	Operating panel . . . . .	6
<b>3.</b>	<b>Receiving the product. . . . .</b>	<b>6</b>
3.1	Inspecting the product . . . . .	0
<b>4.</b>	<b>Installation requirements . . . . .</b>	<b>6</b>
4.1	Location . . . . .	6
<b>5.</b>	<b>Mechanical installation . . . . .</b>	<b>7</b>
5.1	Position in the pipe system . . . . .	7
5.2	Installation height . . . . .	7
<b>6.</b>	<b>Electrical connection . . . . .</b>	<b>8</b>
6.1	Wiring diagrams . . . . .	9
<b>7.</b>	<b>Starting up the product . . . . .</b>	<b>10</b>
7.1	Setting the cut-in pressure . . . . .	10
<b>8.</b>	<b>Taking the product out of operation . . . . .</b>	<b>10</b>
8.1	Frost protection . . . . .	10
<b>9.</b>	<b>Fault finding . . . . .</b>	<b>11</b>
9.1	The pump does not start . . . . .	11
9.2	The pump does not start when water is consumed . . . . .	11
9.3	Frequent starts and stops . . . . .	11
9.4	The pump does not stop . . . . .	11
9.5	The red indicator light flashes . . . . .	11
<b>10.</b>	<b>Technical data . . . . .</b>	<b>12</b>
10.1	Dimensional drawing . . . . .	12
<b>11.</b>	<b>Disposing of the product . . . . .</b>	<b>13</b>
<b>12.</b>	<b>Document quality feedback . . . . .</b>	<b>13</b>

## 1. General information

Appliances can be used by persons with reduced physical, sensory, or mental capabilities, as well as persons with a lack of experience and knowledge. This requires that they are given supervision or instruction concerning the use of the appliance in a safe way and that they understand the hazards involved. Cleaning and user maintenance shall not be carried out by children without supervision.



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 description



GR-110916

Grundfos PM PLUS is a pressure manager designed for automatic start/stop control of Grundfos or other pumps for water supply in domestic applications. With adjustable start pressure, PM PLUS can easily be customised to your specific application. PM PLUS features automatic protection that stops the pump in case of water shortage, preventing dry running. In case of temporary power outage, PM PLUS automatically resets itself once power is restored.

### 2.1 Intended use

Typical applications are water supply systems and rainwater systems in:

- one-family houses
- blocks of flats
- summer houses and cottages
- horticulture and gardening
- agriculture.

### 2.2 Pumped liquids

The product is suitable for clean, thin, non-aggressive and non-explosive liquids without solid particles or fibres that may attack the product mechanically or chemically.

## 2.3 Dry-running protection

Dry-running protection automatically stops the pump in case of dry running to prevent damage to the pump.

The pressure manager's green indicator light flashes if the pump runs dry.

### 2.3.1 Automatic restart

The product features automatic restart when the pump stops due to water shortage. In case of a stop, the product automatically makes 10 double attempts over 24 hours to restart. Each attempt lasts 5 seconds.

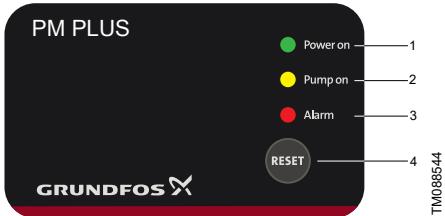
The product can be manually restarted by pressing the **Reset** button.

### 2.3.2 Anti-blocking feature

If the pump is idle for 24 consecutive hours, the product automatically attempts to restart the pump.

## 2.4 Operating panel

The product offers a user-friendly interface with a **Reset** button and indicator lights.



Pos.	Description	Function
1	<b>Power on</b>	The green indicator light is permanently on when the power is on.
2	<b>Pump on</b>	The yellow indicator light is on when the pump is in operation.
3	<b>Alarm</b>	The red indicator light flashes in case of dry running.
4	<b>Reset</b>	The button is used for resetting fault indications.

## 3. Receiving the product

## 4. Installation requirements

### 4.1 Location

Install the product so that inspection, maintenance and service can easily be performed.

Install the product in a well-ventilated location to ensure cooling of its components.

The product can be installed indoors or outdoors, but it must be protected from exposure to direct sunlight, rain and snow.

## 5. Mechanical installation

### 5.1 Position in the pipe system

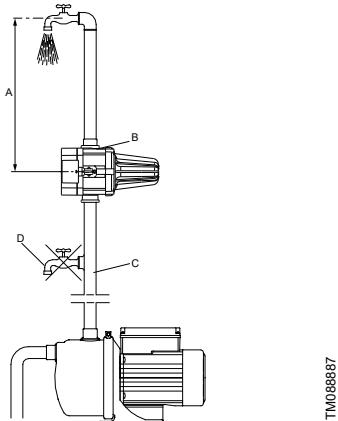
Install the pressure manager on the outlet side of the pump.

The pressure manager can be fitted directly to the system manifold outlet port or between the manifold and the first tapping point.

#### Example

The pressure manager can be installed in systems with or without a pressure tank.

Observe these general recommendations when you install the pressure manager:



TM088887

### 5.2 Installation height

The pressure manager can be fitted directly to the outlet port of the pump or between the pump and the first draw-off point.

The arrows on the pressure manager indicate the flow direction.

Always install the pressure manager with the arrows pointing upwards.

Cut-in pressure	1.5 bar (22 psi)	2 bar (29 psi)	2.5 bar (36 psi)	3 bar (44 psi)
Number of floors	5	6	8	10
Building height	15 m (49 ft)	25 m (82 ft)	30 m (98.4 ft)	35 m (114.8 ft)
Min. pump pressure	3 bar (44 psi)	3.5 bar (51 psi)	4 bar (58 psi)	4.5 bar (65 psi)

#### Pos. Installation instructions

- A Observe the recommended maximum installation height between the pressure manager and the highest tapping point.
- B Install the pressure manager, so that the operating panel is visible and easy to access.
- C Do not install draw-off points between the pump and the pressure manager.
- D Do not install taps between the pump and the pressure manager.

#### Non-return valve

If you pump from a well, borehole or similar, always fit a non-return valve on the inlet side.

## 6. Electrical connection

### WARNING

#### Electric shock

Death or serious personal injury



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

### WARNING

#### Electric shock

Death or serious personal injury

- Connect the product to protective earth and provide protection against indirect contact in accordance with local regulations.
- Power cables without a plug must be connected to a supply disconnecting device incorporated in the fixed wiring according to the local wiring rules.
- The installation must be fitted with a residual-current device (RCD) with a tripping current less than 30 mA.
- The pressure manager must be connected to an external mains switch with a contact gap of at least 3 mm in all poles.



**!** All electrical connections must be carried out by qualified persons in accordance with local regulations.



The product can be powered by a generator or other alternative power supplies, provided that the requirements for the power supply are fulfilled.

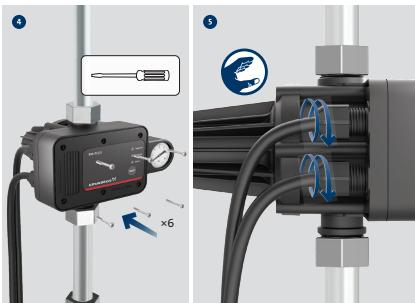
Connect products delivered with a power plug using the supplied cable and plug.

Connect products with no fitted cable and plug according to the following instructions:

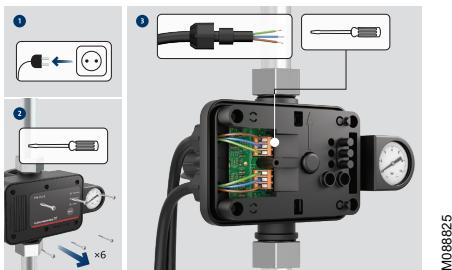
1. Remove the operating panel from the front of the product.

2. Make the electrical connection according to the wiring diagram.

3. Fit the operating panel securely with all four mounting screws to maintain enclosure class IP65.

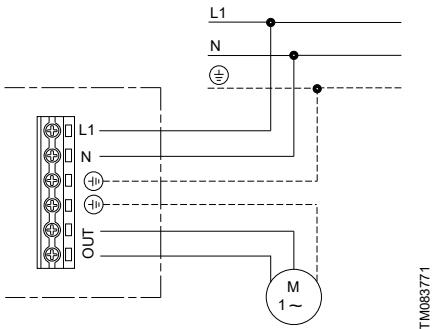


TM08826



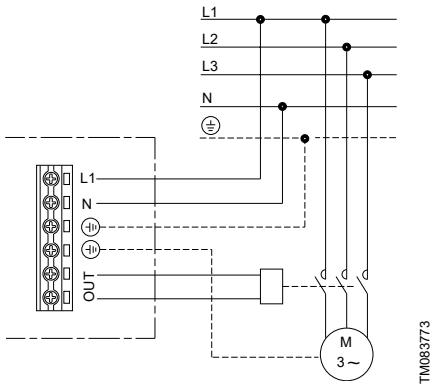
TM08825

## 6.1 Wiring diagrams



TM083771

Wiring diagram for one-phase pumps



TM083773

Wiring diagram for three-phase pumps

## 7. Starting up the product

### 7.1 Setting the cut-in pressure

Follow the instructions below to set the cut-in pressure values.

1. Set the desired cut-in pressure by turning the screw on the back of the product. Turn clockwise to increase the cut-in pressure value and counterclockwise to decrease the cut-in pressure value.



TM087980

2. See the correct settings of the cut-in pressure in the table below.

Cut-in pressure	1.5 bar (22 psi)	2 bar (29 psi)	2.5 bar (36 psi)	3 bar (44 psi)
-----------------	---------------------	-------------------	---------------------	-------------------

## 8. Taking the product out of operation

### 8.1 Frost protection

If the pressure manager is subjected to frost in periods of inactivity, the pressure manager and the pipes must be drained before the pressure manager is taken out of operation.

1. Shut off the water supply to the system.
2. Drain the isolated system at the lowest located point in the system. Make sure that pumps and pressure manager are drained separately.

## 9. Fault finding



### DANGER

#### Electric shock

Death or serious personal injury

- Before starting work on the pump or the pressure manager, make sure that the power supply has been switched off, and that it cannot be switched on accidentally.

### 9.1 The pump does not start

Cause	Remedy
The fuses in the electric installation are blown.	<ul style="list-style-type: none"> <li>• Replace the fuses. If the new fuses also blow, check the electrical installation.</li> </ul>
The earth leakage circuit breaker or voltage-operated circuit breaker has tripped.	<ul style="list-style-type: none"> <li>• Cut in the circuit breaker.</li> </ul>
No power supply.	<ul style="list-style-type: none"> <li>• Contact the power supplier.</li> </ul>
The motor protection has cut off the power supply due to overload.	<ul style="list-style-type: none"> <li>• Check whether the motor or pump is blocked.</li> </ul>
The pump is defective.	<ul style="list-style-type: none"> <li>• Repair or replace the pump.</li> </ul>
The device is off.	<ul style="list-style-type: none"> <li>• Replace the control box.</li> </ul>

### 9.2 The pump does not start when water is consumed

The indicator light is on.

Cause	Remedy
The system pressure is too high.	<ul style="list-style-type: none"> <li>• Open a tap to reduce the pressure.</li> </ul>
Too big distance of height between the product and the draw-off point.	<ul style="list-style-type: none"> <li>• Adapt the installation.</li> </ul>

### 9.3 Frequent starts and stops

Cause	Remedy
Leakage in the pipes lower than 1 l/min.	<ul style="list-style-type: none"> <li>• Check and repair the pipes.</li> </ul>

### 9.4 The pump does not stop

Cause	Remedy
A tap is open.	<ul style="list-style-type: none"> <li>• Close the tap.</li> </ul>
Leakage in the pipes higher than 1 liter/min.	<ul style="list-style-type: none"> <li>• Check and repair the pipes.</li> </ul>
The product is installed in horizontal position.	<ul style="list-style-type: none"> <li>• Install the product in vertical position.</li> </ul>

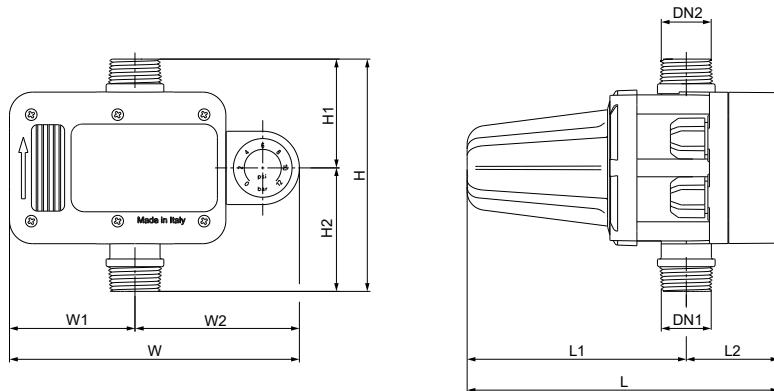
### 9.5 The red indicator light flashes

Cause	Remedy
Insufficient flow.	<ul style="list-style-type: none"> <li>• Check the pipes.</li> </ul>
The pump starts to self prime.	<ul style="list-style-type: none"> <li>• Start the pump again.</li> </ul>
The pump is unable to deliver the required outlet pressure.	<ul style="list-style-type: none"> <li>• Adjust the installation.</li> <li>• Replace the pump.</li> </ul>
The pump or pressure manager is defective.	<ul style="list-style-type: none"> <li>• Replace the pump or pressure manager.</li> </ul>

## 10. Technical data

Supply voltage	115/230 VAC, ± 10 %, 50/60 Hz
Ambient temperature	0-50 °C (122 °F)
Liquid temperature	0-60 °C (140 °F)
Max. current	10 A
Max. power at 115 VAC	0.75 kW (1 hp)
Max. power at 230 VAC	1.5 kW (2 hp)
Enclosure class	IP 65
Max. operating pressure	12 bar (174 psi)
Min. flow rate	≈ 1 l/min (0.26 gpm)
Pumped liquids	Clean water
Connection type	G1/NPT

### 10.1 Dimensional drawing



Product	Dimensions										DN1, DN2 [inch]
	L mm [inch]	L1 mm [inch]	L2 mm [inch]	W mm [inch]	W1 mm [inch]	W2 mm [inch]	H mm [inch]	H1 mm [inch]	H2 mm [inch]		
PM PLUS	200 [7.9]	140 [5.5]	60 [2.4]	188 [7.4]	81 [3.2]	107 [4.2]	150 [5.9]	70 [2.8]	80 [3.1]	G1	

## 11. Disposing of the product

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

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



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

See also end-of-life information at  
[www.grundfos.com/product-recycling](http://www.grundfos.com/product-recycling).

## 12. 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](#)

QR93286837

**Argentina**

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

**Australia**

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

**Austria**

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

**Belgium**

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

**Bosnia and Herzegovina**

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

**Brazil**

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

**Bulgaria**

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

**Canada**

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

**China**

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

**Colombia**

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

**Croatia**

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

**Czech Republic**

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

**Denmark**

GRUNDFOS DK A/S  
Martin Bachs Vej 3  
DK-8850 Bjerringbro  
Tel.: +45-87 50 50  
Fax: +45-87 50 51  
E-mail: info\_GDK@grundfos.com  
www.grundfos.com/DK

**Estonia**

GRUNDFOS Pumps Eesti OÜ  
Peterburi tee 92G  
11415 Tallinn  
Tel.: +372 606 1690  
Fax: +372 606 1691

**Finland**

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

**France**

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

**Germany**

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

**Greece**

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

**Hong Kong**

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

**Hungary**

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

**India**

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

**Indonesia**

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

**Ireland**

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

**Italy**

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

**Japan**

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

**Kazakhstan**

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

**Korea**

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

**Latvia**

SIA GRUNDFOS Pumps Latvia  
Deglava bīznesa centrs  
Augusta Deglava ielā 60  
LV-1035, Riga,  
Tel.: + 371 714 9640, 7 149 641  
Fax: + 371 914 9646

**Lithuania**

GRUNDFOS Pumps UAB  
Smolensko g. 6  
LT-03201 Vilnius  
Tel.: + 370 52 395 430  
Fax: + 370 52 395 431

**Malaysia**

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

**Mexico**

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

**Netherlands**

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

**New Zealand**

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

**Norway**

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

**Poland**

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

**Portugal**

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

**Romania**

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

**Serbia**

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

**Singapore**

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

**Slovakia**

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

**Slovenia**

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

**South Africa**

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

**Spain**

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

**Sweden**

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

**Switzerland**

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

**Taiwan**

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

**Thailand**

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

**Turkey**

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

**Ukraine**

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

**United Arab Emirates**

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

**United Kingdom**

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

**U.S.A.**

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

**Uzbekistan**

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

<b>93286837</b>	<b>01.2025</b>
ECM: 1413843	

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

**GRUNDFOS** 