

Pioneering for You

wilo

Wilo-Yonos PICO1.0



en Installation and operating instructions



Table of contents

1 General information	4
1.1 About these instructions	4
1.2 Copyright	4
1.3 Subject to change	4
2 Safety	4
2.1 Identification of safety instructions.....	4
2.2 Personnel qualifications.....	5
2.3 Electrical work	5
2.4 Operator responsibilities.....	5
3 Description of the pump	5
3.1 Overview	6
3.2 Operating and display elements	6
3.3 Type key	7
3.4 Technical data	7
3.5 Applications/control mode and functions.....	7
4 Application/use	7
4.1 Intended use	8
4.2 Misuse	8
5 Transportation and storage	8
5.1 Scope of delivery.....	8
5.2 Transport inspection	8
5.3 Transport and storage conditions	8
6 Installation and electrical connection	8
6.1 Installation	9
6.2 Electrical connection.....	10
7 Commissioning.....	12
7.1 Venting	13
7.2 Setting the control mode and the delivery head.....	13
8 Shutdown.....	14
8.1 Shutting down the pump	14
9 Maintenance	14
9.1 Cleaning.....	14
10 Faults, causes and remedies	14
10.1 Warning messages	14
10.2 Fault messages	15
11 Disposal.....	15
11.1 Information on the collection of used electrical and electronic products.....	15

1 General information

1.1 About these instructions

These instructions form part of the product. Compliance with the instructions is essential for correct handling and use:

- Read the instructions carefully before all activities.
- Keep the instructions in an accessible place at all times.
- Observe all product specifications.
- Observe the markings on the product.

The language of the original operating instructions is German. All other languages of these instructions are translations of the original operating instructions.

1.2 Copyright

WILO SE © 2022

The reproduction, distribution and utilization of this document as well as the communication of its contents to others without express authorization is prohibited. Offenders will be held liable for the payment of damages. All rights reserved.

1.3 Subject to change

Wilo shall reserve the right to change the listed data without notice and shall not be liable for technical inaccuracies and/or omissions. The illustrations used may differ from the original and are intended as an example representation of the device.

2 Safety

This chapter contains basic instructions for the individual life cycles of the product.

Failure to observe this information carries the following risks:

- Danger to persons from electrical, mechanical and bacteriological effects as well as electromagnetic fields
- Environmental damage from discharge of hazardous substances
- Damage to property
- Failure of important product functions
- Failure of required maintenance and repair procedures

Failure to observe the instructions will result in the loss of any claims for damages.

The directions and safety instructions in the other sections must also be observed!

2.1 Identification of safety instructions

These installation and operating instructions set out safety instructions for preventing personal injury and damage to property, which are displayed in different ways:

- Safety instructions relating to personal injury start with a signal word and are preceded by a corresponding symbol.
- Safety instructions relating to property damage start with a signal word and are displayed without a symbol.

Signal words

- **DANGER!**

Failure to follow the instructions will result in serious injury or death!

- **WARNING!**

Failure to follow instructions can lead to (serious) injury!

- **CAUTION!**

Failure to follow instructions can lead to property damage and possible total loss.

- **NOTICE!**

Useful information on handling the product

Symbols

These instructions use the following symbols:



General danger symbol



Danger of electric voltage



Warning of hot surfaces



Warning of magnetic fields



Notices

2.2 Personnel qualifications

Personnel must:

- Be instructed about locally applicable regulations governing accident prevention.
- Have read and understood the installation and operating instructions.

Personnel must have the following qualifications:

- Electrical work: Electrical work must be performed by a qualified electrician.
- Installation/dismantling work: The installation/dismantling must be carried out by a qualified technician who is trained in the use of the necessary tools and fixation materials.
- The product must be operated by persons who are instructed on how the complete system functions.

Definition of “qualified electrician”

A qualified electrician is a person with appropriate technical education, knowledge and experience who can identify **and** prevent electrical hazards.

2.3 Electrical work

- Electrical work must be performed by a qualified electrician.
- Nationally applicable guidelines, standards and regulations as well as specifications issued by the local energy supply companies for connection to the local power supply system must be observed.
- Before commencing work, disconnect the product from the mains and secure it against being switched on again.
- The connection must be secured by means of a residual-current device (RCD).
- The product must be earthed.
- Have defective cables replaced immediately by a qualified electrician.
- Never open the control module and never remove operating elements.

2.4 Operator responsibilities

- Have all work carried out by qualified personnel only.
- Ensure on-site guard against hot components and electrical hazards.
- Have defective gaskets and connection pipes replaced.

This device can be used by children from 8 years of age as well as people with reduced physical, sensory or mental capacities or lack of experience and knowledge if they are supervised or instructed on the safe use of the device and they understand the dangers that can occur. Children are not allowed to play with the device. Cleaning and user maintenance must not be carried out by children without supervision.

3 Description of the pump

High-efficiency circulator for hot-water heating systems with integrated differential pressure control. Control mode and delivery head (differential pressure) are adjustable. The differential pressure is controlled via the pump speed. For all control functions, the pump continuously adapts to the system's changing power requirements.

3.1 Overview

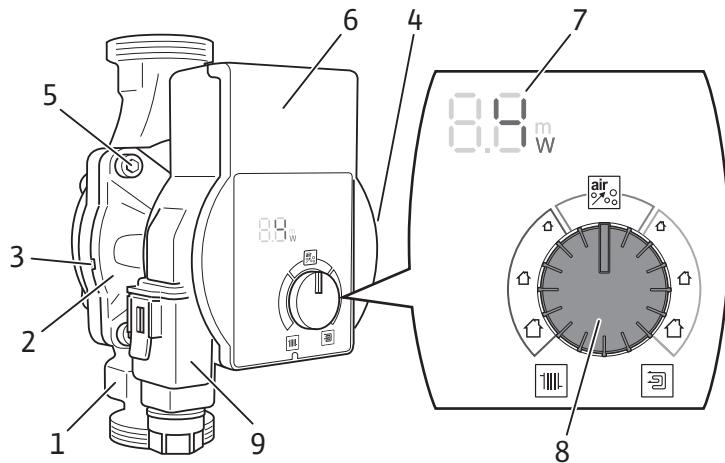
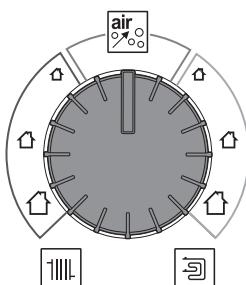


Fig. 1: Wilo-Yonos PICO1.0

Pos.	Name	Explanation
1.	Pump housing	with screwed connections
2.	Glandless motor	Drive unit
3.	Condensate drain openings	4x around circumference
4.	Rating plate	
5.	Housing screws	4 pieces for motor fixation
6.	Control module	Electronic unit with LED display
7.	LED display	Display of operating statuses
8.	Operating button	Settings of all parameters
9.	Wilo-Connector	Electrical mains connection

3.2 Operating and display elements

Operating button



Turn:

- Select application/control mode.
- Set setpoint H of the delivery head (differential pressure).
- Select venting function.

LED display



Display of the current power consumption in W.



Display of the setpoint H of the delivery head (differential pressure) in m.



Display of warning and fault signals.



Display with the venting function activated.

3.3 Type key

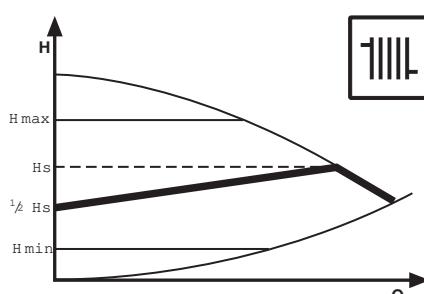
Example: Yonos PICO1.0 25/1-6 130

Yonos PICO1.0	High-efficiency pump
25	Nominal diameter of screwed connection: 15 (G 1), 25 (G 1½), 30 (G 2)
1-6	1 = minimum delivery head in m (adjustable down to 0.5 m) 6 = maximum delivery head in m at Q = 0 m³/h
130	Installation length: 130 = 130 mm --- = 180 mm

3.4 Technical data

Connection voltage	1 ~ 230 V ± 10 %, 50/60 Hz
Protection class IP	See rating plate (4)
Energy efficiency index EEI	See rating plate (4)
Fluid temperatures at max. ambient temperature +40 °C	-10 °C to +95 °C
Permitted ambient temperature	-10 °C to +40 °C
Max. operating pressure	10 bar (1000 kPa)
Minimum inlet pressure at +95 °C/ +110 °C	0.3 bar/1.0 bar (30 kPa/100 kPa)

3.5 Applications/control mode and functions



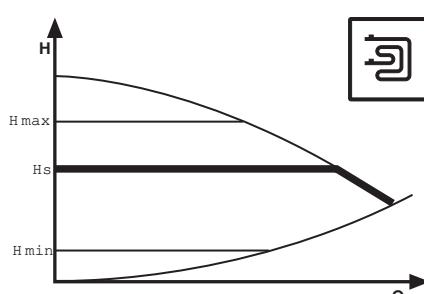
Radiator heating system

Recommended for two-pipe heating systems with radiators to reduce the flow noise at thermostatic valves.

Variable differential pressure ($\Delta p-v$): The pump reduces the delivery head to half in the case of decreasing volume flow in the pipe network. Electrical energy saving by adjusting the delivery head to the volume flow requirement and lower flow rates.

NOTICE

Factory setting: $\Delta p-v$, $\frac{1}{2} H_{max}$



Underfloor heating

Recommended for underfloor heating. Or for large-sized pipes, all applications without a variable pipe network curve (e.g. storage charge pumps) or single-pipe heating systems with radiators.

Constant differential pressure ($\Delta p-c$): The control keeps the set delivery head constant irrespective of the pumped volume flow.

Pump venting function

The venting function is activated via the operating button and automatically vents the pump for a period of 10 minutes.

However, this function does not vent the heating system.



4 Application/use

4.1 Intended use

High-efficiency circulators in this series are exclusively intended for circulating fluids in hot-water heating systems and similar systems with constantly changing volume flows.

Permitted fluids:

- Heating water according to VDI 2035 (CH: as per SWKI BT 102-01).
- Water-glycol mixtures* with a maximum of 50 % glycol.

* Glycol has a higher viscosity than water. If admixtures of glycol are used, the pumping data of the pump must be corrected to match the mixing ratio.



NOTICE

Only introduce ready-to-use mixtures to the system.
The pump must not be used to mix fluid in the system.

4.2 Misuse

The operational reliability of the supplied product is only guaranteed for intended use. The values must never fall below or exceed the limit values specified in the catalogue/data sheet.

Misuse of the pump can lead to dangerous situations and damage:

- Never use non-specified fluids.
- Highly flammable materials/fluids should always be kept at a safe distance from the product.
- Never allow unauthorised persons to carry out work.
- Never operate the pump beyond the specified limits of use.
- Never carry out unauthorised conversions.
- Never operate with phase angle control.
- Use authorised Wilo accessories and genuine spare parts only.

Intended use also includes observing these instructions and the specifications and markings on the pump.

Any use beyond the intended use is considered misuse and will void any warranty claims.

5 Transportation and storage

5.1 Scope of delivery

- High-efficiency circulator
- 2 gaskets
- Wilo-Connector
- Installation and operating instructions

5.2 Transport inspection

Check delivery immediately for damage and completeness. Where necessary make a complaint immediately.

5.3 Transport and storage conditions

Protect against moisture, frost and mechanical loads.

Permissible temperature range: -10 °C to +50 °C.

6 Installation and electrical connection



DANGER

Risk of fatal injury!

Incorrect installation and improper electrical connections can be life-threatening.

- Installation and electrical connection only by qualified personnel.
- Carry out work in accordance with locally applicable regulations.
- Adhere to accident prevention regulations.

6.1 Installation



WARNING

Risk of burns from hot surfaces!

Pump housing and glandless motor may become hot and cause burns if touched.

- During operation only touch the control module.
- Allow the pump to cool down before commencing any work.



WARNING

Risk of scalding from hot fluids!

Hot fluids can cause scalding.

Before the installation or removal of the pump or the dismantling of the housing screws, observe the following:

- Allow the heating system to cool down completely.
- Close shut-off devices or drain the heating system.

6.1.1 Preparation

CAUTION

An incorrect installation position may damage the pump.

- Select the installation point according to the permitted installation position (Fig. 2).
- The motor must always be installed horizontally.
- The electrical connection must never face upwards.

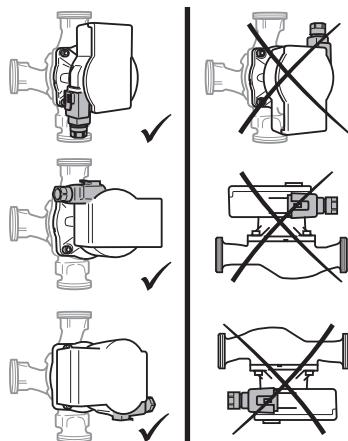


Fig. 2: Installation positions

6.1.2 Rotating the motor head



WARNING

Risk of fatal injury from magnetic field!

Highly magnetic components are fitted inside the pump; they can cause fatal injury to people with medical implants if the pump is dismantled.

- Never remove the rotor.

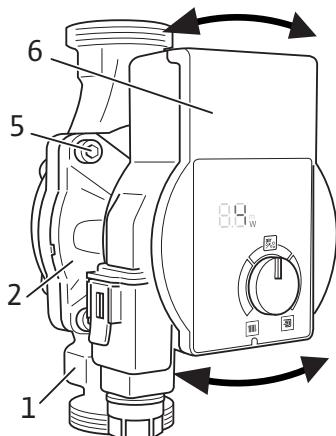


Fig. 3: Rotating the motor head

6.1.3 Installing the pump

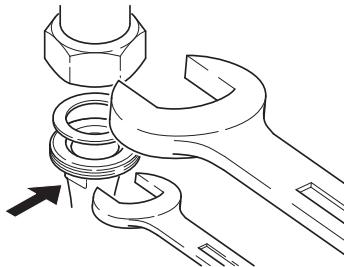
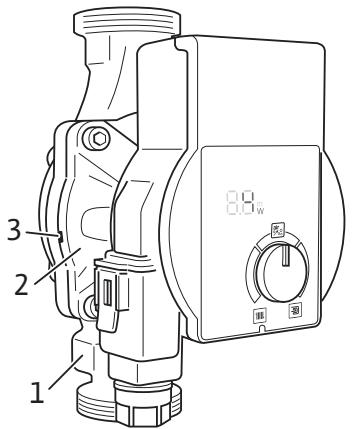


Fig. 4: Installing the pump

6.2 Electrical connection



DANGER

Risk of fatal injury from electrical voltage!

Immediate risk of fatal injury if live components are touched.

- Before commencing work, switch off the power supply and secure it from being switched on again.
- Never open the control module and never remove operating elements.

CAUTION

Pulsed mains voltage can cause damage to electronic components.

- Never operate the pump with phase angle control.
- When switching the pump on or off using an external control unit, deactivate any voltage pulse (e.g. phase angle control).
- For applications where it is not clear whether the pump is operated with pulsed voltage, get the control/system manufacturer to confirm that the pump is operated with sinusoidal AC voltage.
- Switching the pump on/off via triacs/solid-state relays must be examined on a case-by-case basis.

6.2.1 Preparation

- The current type and voltage must correspond to the specifications on the rating plate.
- Provide maximum back-up fuse: 10 A, slow-blow.
- If a residual-current device (RCD) is used, it is recommended to use an RCD type A (pulse current sensitive). Check that the rules for the coordination of electrical equipment in the electrical installation are observed and, if necessary, adjust the RCD accordingly.
- Only operate the pump with sinusoidal AC voltage.
- Observe the switching frequency:
 - Switch-on/off procedures via mains voltage $\leq 100/24$ h.
 - $\leq 20/h$ for a switching frequency of 1 min. between switching on/off via mains voltage.

**NOTICE**

The inrush current of the pump is < 5 A. If the pump is switched “on” and “off” via a relay, it must be ensured that the relay is capable of switching an inrush current of at least 5 A. If necessary, obtain information from the boiler/control unit manufacturer.

- The electrical connection must be made via a fixed connecting cable equipped with a connector device or an all-pole switch with a contact opening width of at least 3 mm (DIN EN 60335-1).
- Use a connecting cable with sufficient outer diameter (e.g. H05VV-F3G1.5) to protect against leaking water and to ensure strain relief on the threaded cable connection.
- Use a heat-resistant connecting cable where fluid temperatures exceed 90 °C.
- Ensure that the connecting cable does not touch the pipes or the pump.

6.2.2 Connecting the pump***Installing the Wilo-Connector***

- Disconnect the connecting cable from the power supply.
- Observe the terminal assignment (PE, N, L).
- Connect and install the Wilo-Connector (Fig. 5a to 5e).

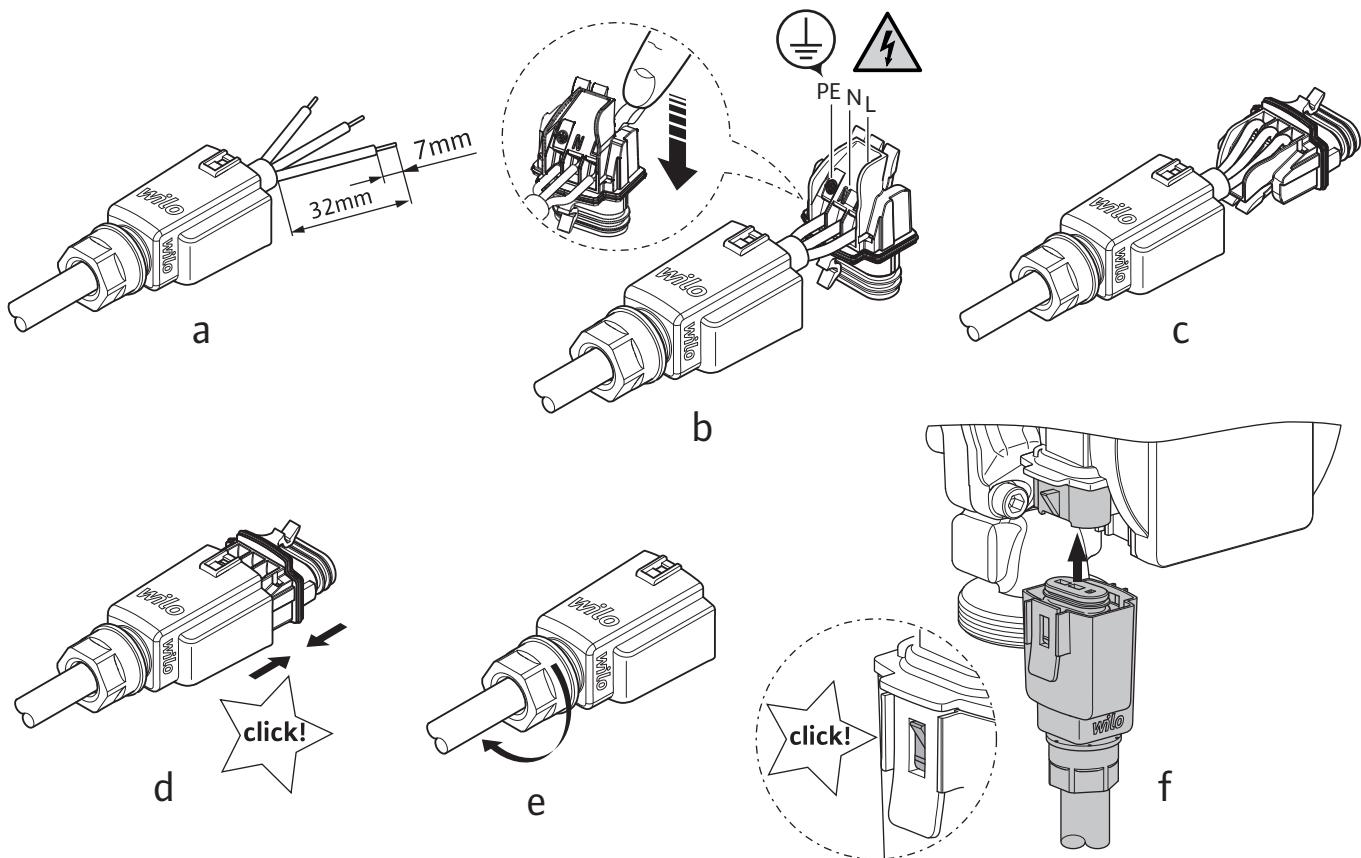


Fig. 5: Installing the Wilo-Connector

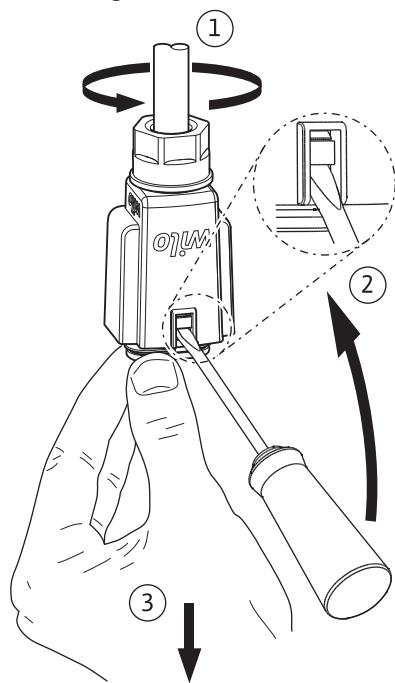


Fig. 6: Removing the Wilo-Connector

Connecting the pump

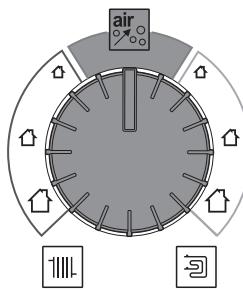
- Earth the pump.
- Connect the Wilo-Connector to the control module until it snaps into place (Fig. 5f).
- Activate the power supply.

Removing the Wilo-Connector

- Disconnect the connecting cable from the power supply.
- Remove the Wilo-Connector from the pump using a suitable screwdriver (Fig. 6).

7 Commissioning

7.1 Venting



Fill and vent the system correctly.

If the pump does not vent automatically:

- Activate the venting function via the operating button.
 - The venting function is initiated and lasts 10 minutes.
 - The LED display will show bars running from bottom to top.
- Rotate the operating button to abort.



NOTICE

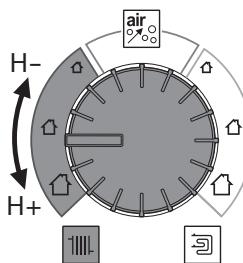
The venting function stops after 10 minutes.

- The middle bar of the LED display flashes.
- The pump temporarily regulates in the factory setting (Δp_v , $1/2 H_{max}$).
- Set the desired control mode and the delivery head.

7.2 Setting the control mode and the delivery head

7.2.1 Radiator heating system

The size of the displayed house symbols and data for setting the delivery head are provided as a guide only. A more detailed calculation for the setting is recommended. The values of the delivery head are displayed in increments of 0.1 m with the setting.

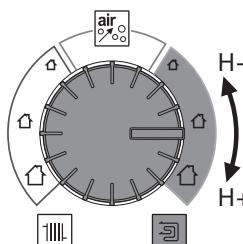


Variable differential pressure (Δp_v):

- Select the setting range of the application.
- Set setpoint H of the delivery head (variable differential pressure).
- The LED display shows the set setpoint H of the delivery head in m.

Pump	Number of radiators		
Yonos PICO.../1-4 m	8	12	15
Yonos PICO.../1-6 m	12	15	20
Yonos PICO.../1-8 m	15	20	30

7.2.2 Underfloor heating



Constant differential pressure (Δp_c):

- Select the setting range of the application.
- Set setpoint H of the delivery head (constant differential pressure).
- The LED display shows the set setpoint H of the delivery head in m.

Pump	Number of square metres of heated space in m ²		
Yonos PICO.../1-4 m	-	80	120
Yonos PICO.../1-6 m	80	150	220
Yonos PICO.../1-8 m	> 220	> 220	> 220

7.2.3 Completing the settings

- Do not rotate the operating button for 2 seconds.
- The LED display flashes 5 times and changes to the current power consumption in W.

**NOTICE**

All settings and displays are retained if the power supply is interrupted.

8 Shutdown**8.1 Shutting down the pump**

Shut down the pump immediately if the connecting cable or other electrical components are damaged.

- Disconnect the pump from the power supply.
- Contact Wilo customer service or a specialist technician.

9 Maintenance**9.1 Cleaning**

- Carefully remove dirt from the pump on a regular basis using a dry duster.
- Never use liquids or aggressive cleaning agents.

10 Faults, causes and remedies**DANGER****Risk of fatal electrical shock!**

Ensure there are no risks arising from electrical current!

- The pump must be voltage-free and secured against unauthorised reactivation prior to any repair work.
- Damage to the mains connecting cables should always be repaired by a qualified electrician only.

**WARNING****Risk of scalding!**

At high fluid temperatures and system pressures, allow the pump to cool down first and then depressurise the system.

Faults	Causes	Remedies
Pump is not running with switched-on power supply.	Fuse protection defect.	Check the fuse protection.
Pump is not running with switched-on power supply.	Pump has no voltage.	Reconnect the voltage.
Pump makes noises.	Cavitation due to insufficient suction pressure.	Increase the system pressure within the permissible range.
Pump makes noises.	Cavitation due to insufficient suction pressure.	Check the delivery head setting and set it to a lower head if necessary.
Building does not get warm.	Heat output of the heating surfaces too low.	Increase setpoint.
Building does not get warm.	Heat output of the heating surfaces too low.	Set the control mode to Δp-c.

10.1 Warning messages

- The warning signal is indicated by the LED display.
- The pump continues to run with limited output.
- The indicated faulty operating status must not occur for a prolonged period. The cause must be eliminated.

LED	Faults	Causes	Remedies
E07	Generator operation	Water is flowing through the pump hydraulics but there is no mains voltage to the pump	Check mains voltage.

LED	Faults	Causes	Remedies
E11	Dry run	Air in the pump	Check volume flow / water pressure.
E21	Overload	Sluggish motor, pump is operated outside of its specifications (e.g. high module temperature). The speed is lower than during normal operation.	Check the ambient conditions.

10.2 Fault messages

- The fault signal is indicated by the LED display.
- The pump switches off (depending on the error code) and attempts a cyclical restart.

LED	Faults	Causes	Remedies
E04	Undervoltage	Power supply too low on mains side	Check mains voltage
E05	Overvoltage	Power supply too high on mains side	Check mains voltage
E10	Blocking	Rotor blocked	Request customer service
E23	Short-circuit	Motor current too high	Request customer service
E25	Contacting/winding	Winding defective	Request customer service
E30	Excessive module temperature	Module interior too warm	Check conditions of use
E36	Module defective	Electronics defective	Request customer service

If the fault cannot be remedied, contact a specialist technician or the Wilo customer service.

11 Disposal

11.1 Information on the collection of used electrical and electronic products

Proper disposal and appropriate recycling of this product prevents damage to the environment and putting your personal health at risk.



NOTICE

Disposal in domestic waste is prohibited!

In the European Union this symbol may be included on the product, the packaging or the accompanying documentation. It means that the electrical and electronic products in question must not be disposed of along with domestic waste.

Please note the following points to ensure proper handling, recycling and disposal of the used products in question:

- Hand over these products at designated, certified collection points only.
- Observe the locally applicable regulations!

Please consult your local municipality, the nearest waste disposal site, or the dealer who sold the product to you for information on proper disposal. See www.wilo-recycling.com for more information about recycling.

Subject to change without prior notice!



DECLARATION OF CONFORMITY

We, the manufacturer, declare under our sole responsibility that these glandless circulating pump types of the series,

Yonos PICO...

(The serial number is marked on the product site plate)

in their delivered state comply with the following relevant directives and with the relevant national legislation:

- **Electrical Equipment (Safety) Regulations (SI 2016 No. 1101) amended**
- **Electromagnetic Compatibility (EMC) Regulations (SI 2016 No. 1091) amended**
- **Eco-design for Energy-Related Products Regulations (SI 2010 No. 2617) as amended by Eco-design for Energy-Related Products and Energy Information (Amendment) (EU Exit) Regulations (SI 2019 No. 539)**
- **Restriction of the Use of Certain Hazardous Substances (RoHS) in Electrical and Electronic Equipment Regulations (SI 2012 No. 3032) amended**

comply also with the following relevant standards:

**BS EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019;
BS EN 60335-2-51:2003+A1:2008+A2:2012; BS EN 61000-6-1:2007; BS EN 61000-6-2:2005;
BS EN 61000-6-3:2007+A1:2011; BS EN 61000-6-4:2007+A1:2011; BS EN 16297-1:2012;
BS EN 16297-2:2012; BS EN IEC 63000:2018;**

Person authorized to compile the technical file is:

Dortmund,

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von Holger
Herchenheim
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08:28:34 +02'00'

H. HERCHENHEIN
Senior Vice President - Group Quality & Qualification

WILO SE
Group Quality
Wilopark 1
D-44263 Dortmund

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D-44263 Dortmund



DECLARATION OF CONFORMITY KONFORMITÄTserklärung Déclaration de Conformité

We, the manufacturer, declare under our sole responsibility that these glandless circulating pump types of the series,

Als Hersteller erklären wir unter unserer alleinigen Verantwortung, daß die Nassläufer-Umwälzpumpen der Baureihen,

Nous, fabricant, déclarons sous notre seule responsabilité que les types de circulateurs des séries,

Yonos PICO...

(The serial number is marked on the product site plate.
Die Seriennummer ist auf dem Typenschild des Produktes angegeben.
Le numéro de série est inscrit sur la plaque signalétique du produit)

in their delivered state comply with the following relevant directives and with the relevant national legislation:
in der gelieferten Ausführung folgenden einschlägigen Bestimmungen entsprechen 'und entsprechender nationaler Gesetzgebung:
dans leur état de livraison sont conformes aux dispositions des directives suivantes et aux législations nationales les transposant :

_ LOW VOLTAGE 2014/35/EU / NIEDERSPANNUNGSRICHTLINIE 2014/35/EU / BASSE TENSION 2014/35/UE

_ ELECTROMAGNETIC COMPATIBILITY 2014/30/EU / ELEKTROMAGNETISCHE VERTRÄGLICHKEIT - RICHTLINIE 2014/30/EU / COMPATIBILITE ELECTROMAGNETIQUE 2014/30/UE

#No pumps energy efficiency requirement in MA

_ RESTRICTION OF THE USE OF CERTAIN HAZARDOUS SUBSTANCES 2011/65/EU + 2015/863 / BESCHRÄNKUNG DER VERWENDUNG BESTIMMTER GEFÄHRLICHER STOFFE-RICHTLINIE 2011/65/EU + 2015/863 / LIMITATION DE L'UTILISATION DE CERTAINES SUBSTANCES DANGEREUSES 2011/65/UE + 2015/863

comply also with the following relevant harmonised European standards:
sowie auch den Bestimmungen zu folgenden harmonisierten europäischen Normen:
sont également conformes aux dispositions des normes européennes harmonisées suivantes :

**EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019;
EN 60335-2-51:2003+A1:2008+A2:2012; EN 61000-6-1:2007; EN 61000-6-2:2005;
EN 61000-6-3:2007+A1:2011; EN 61000-6-4:2007+A1:2011; EN 16297-1:2012; EN 16297-2:2012;
EN IEC 63000:2018;**

Person authorized to compile the technical file is:

Bevollmächtigter für die Zusammenstellung der technischen Unterlagen ist:

Personne autorisée à constituer le dossier technique est :

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**DECLARATION OF CONFORMITY
KONFORMITÄTSERKLÄRUNG
DECLARATION DE CONFORMITE**

<p>(BG) - български език ДЕКЛАРАЦИЯ ЗА СЪОТЕТСТВИЕ ЕС/ЕО</p> <p>WILO SE декларираат, че продуктите посочени в настоящата декларация съответстват на разпоредбите на следните европейски директиви и приелите ги национални законодателства:</p> <p>Ниско Напрежение 2014/35/EU; Електромагнитна съвместимост 2014/30/EU; Продукти, свързани с енергопотреблението 2009/125/EU; относно ограничението за употребата на определени опасни вещества 2011/65/UE + 2015/863 ; както и на гармонизираните европейски стандарти, упоменати на предишната страница.</p>	<p>(CS) - Čeština EU/ES PROHLÁŠENÍ O SHODĚ</p> <p>WILO SE prohlašuje, že výrobky uvedené v tomto prohlášení odpovídají ustanovením níže uvedených evropských směrnic a národním právním předpisům, které je přejímají:</p> <p>Nízké Napětí 2014/35/EU; Elektromagnetická Kompatibilita 2014/30/EU; Výrobků spojených se spotřebou energie 2009/125/ES; Omezení používání některých nebezpečných látek 2011/65/UE + 2015/863 ; a rovněž splňují požadavky harmonizovaných evropských norem uvedených na předcházející stránce.</p>
<p>(DA) - Dansk EU/EF-OVERENSSTEMMELSESERKLÆRING</p> <p>WILO SE erklærer, at produkterne, som beskrives i denne erklæring, er i overensstemmelse med bestemmelserne i følgende europæiske direktiver, samt de nationale lovgivninger, der gennemfører dem:</p> <p>Lavspændings 2014/35/EU; Elektromagnetisk Kompatibilitet 2014/30/EU; Energirelaterede produkter 2009/125/EF; Begrensning af anvendelsen af visse farlige stoffer 2011/65/UE + 2015/863 ;</p> <p>De er ligeledes i overensstemmelse med de harmoniserede europæiske standarder, der er anført på forrige side.</p>	<p>(EL) - Ελληνικά ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ/ΕΚ</p> <p>WILO SE δηλώνει ότι τα προϊόντα που ορίζονται στην παρούσα ευρωπαϊκά δήλωση είναι σύμφωνα με τις διατάξεις των παρακάτω οδηγιών και τις εθνικές νομοθεσίες στις οποίες έχει μεταφερθεί:</p> <p>Χαμηλής Τάσης 2014/35/ΕΕ; Ηλεκτρομαγνητικής συμβατότητας 2014/30/ΕΕ; Συνδεόμενα με την ενέργεια προϊόντα 2009/125/ΕΚ; για τον περιορισμό της χρήσης ορισμένων επικινδυνών ουσιών 2011/65/ΕΕ + 2015/863 ; και επίσης με τα εξής εναρμονισμένα ευρωπαϊκά πρότυπα που αναφέρονται στην προηγούμενη σελίδα.</p>
<p>(ES) - Español DECLARACIÓN DE CONFORMIDAD UE/CE</p> <p>WILO SE declara que los productos citados en la presente declaración están conformes con las disposiciones de las siguientes directivas europeas y con las legislaciones nacionales que les son aplicables :</p> <p>Baja Tensión 2014/35/UE; Compatibilidad Electromagnética 2014/30/UE; Productos relacionados con la energía 2009/125/CE; Restricciones a la utilización de determinadas sustancias peligrosas 2011/65/UE + 2015/863 ; Y igualmente están conformes con las disposiciones de las normas europeas armonizadas citadas en la página anterior.</p>	<p>(ET) - Eesti keel EL/EÜ VASTAVUSDEKLARATSIOONI</p> <p>WILO SE kinnitab, et selles vastavustunnustuses kirjeldatud tooted on kooskõlas alljärgnevate Euroopa direktiivide säteteega ning riiklike seadusandlustega, mis nimetatud direktiivid üle on võtnud:</p> <p>Madalpingeseadmed 2014/35/EL; Elektromagnetilist Ühilduvust 2014/30/EL; Energiamõjuga toodete 2009/125/EÜ; teatavate ohtlike ainete kasutamise piiramise kohta 2011/65/UE + 2015/863 ; Samuti on tooted kooskõlas eelmisel lehekülgel ära toodud harmoniseeritud Euroopa standarditega.</p>
<p>(FI) - Suomen kieli EU/EY-VAATIMUSTENMUKAISUUSVAKUUTUS</p> <p>WILO SE vakuuttaa, että tässä vakuutuksessa kuvatut tuotteet ovat seuraavien eurooppalaisten direktiivien määräysten sekä niihin sovellettavien kansallisten lakiasetusten mukaisia:</p> <p>Matala Jännite 2014/35/EU; Sähkömagneettinen Yhteensopivuus 2014/30/EU; Energiaan liittyvien tuotteiden 2009/125/EY; tiettyjen vaarallisten aineiden käytön rajoittamisesta 2011/65/UE + 2015/863 ; Lisäksi ne ovat seuraavien edellisellä sivulla mainittujen yhdenmukaistettujen eurooppalaisten normien mukaisia.</p>	<p>(GA) - Gaeilge AE/EC DEARBHÚ COMHLÍONTA</p> <p>WILO SE ndearbháonn an cur síos ar na táirgí atá i ráiteas seo, siad i gcomhréir leis na forálacha atá sna treoracha seo a leanas na hEorpa agus leis na d líthe náisiúnta is infheidhme orthu:</p> <p>Ísealvoltais 2014/35/AE; Comhoiriúacht Leictreamaighnéadach 2014/30/AE; Fuinneamh a bhainneann le táirgí 2009/125/EC; Srian ar an úsáid a bhaint as substaintí guaiseacha acu 2011/65/UE + 2015/863 ; Agus siad i gcomhréir le forálacha na caighdeáin chomhchuibhithe na hEorpa dá dtagraítear sa leathanach roimhe seo.</p>
<p>(HR) - Hrvatski EU/EZ IZJAVA O SUKLADNOSTI</p> <p>WILO SE izjavljuje da su proizvodi navedeni u ovoj izjavi u skladu sa sljedećim prihvaćenim europskim direktivama i nacionalnim zakonima:</p> <p>Smjernica o niskom naponu 2014/35/EU; Elektromagnetna kompatibilnost - smjernica 2014/30/EU; Smjernica za proizvode relevantne u pogledu potrošnje energije 2009/125/EZ; ograničenju uporabe određenih opasnih tvari 2011/65/UE + 2015/863 ; i usklađenim europskim normama navedenim na prethodnoj stranici.</p>	<p>(HU) - Magyar EU/EK-MEGFELELŐSÉGI NYILATKOZAT</p> <p>WILO SE kijelenti, hogy a jelen megfelelőségi nyilatkozatban megjelölt termékek megfelelnek a következő európai irányelvek előírásainak, valamint azok nemzeti jogrendbe átültetett rendelkezéseinek:</p> <p>Alacsony Feszültségű 2014/35/EU; Elektromágneses összeférhetőségre 2014/30/EU; Energiaival kapcsolatos termékek 2009/125/EK; egyes veszélyes való alkalmazásának korlátozásáról 2011/65/UE + 2015/863 ; valamint az előző oldalon szereplő, harmonizált európai szabványoknak.</p>
<p>(IT) - Italiano DICHIARAZIONE DI CONFORMITÀ UE/CE</p> <p>WILO SE dichiara che i prodotti descritti nella presente dichiarazione sono conformi alle disposizioni delle seguenti direttive europee nonché alle legislazioni nazionali che le traspongono :</p> <p>Bassa Tensione 2014/35/UE; Compatibilità Elettromagnetica 2014/30/UE; Prodotti connessi all'energia 2009/125/CE; sulla restrizione dell'uso di determinate sostanze pericolose 2011/65/UE + 2015/863 ; E sono pure conformi alle disposizioni delle norme europee armonizzate citate a pagina precedente.</p>	<p>(LT) - Lietuvių kalba ES/EB ATITIKTIES DEKLARACIJA</p> <p>WILO SE pareiškia, kad šioje deklaracijoje nurodyti gaminiai atitinka šiuos Europos direktyvų ir jas perkeliančių nacionalinių įstatymų nuostatus:</p> <p>Žema įtampa 2014/35/ES; Elektromagnetinis Suderinamumas 2014/30/ES; Energija susijusiems gaminiams 2009/125/EB; dėl tam tikrų pavojingų medžiagų naudojimo apribojimo 2011/65/UE + 2015/863 ; ir taip pat harmonizuotas Europos normas, kurios buvo cituotos ankstesniame puslapyje.</p>
<p>(LV) - Latviešu valoda ES/EK ATBILSTĪBAS DEKLĀRĀCIJU</p> <p>WILO SE deklarē, ka izstrādājumi, kas ir nosaukti šajā deklarācijā, atbilst šeit uzskaitīto Eiropas direktīvu nosacījumiem, kā arī atsevišķu valstu likumiem, kuros tie ir ietverti:</p> <p>Zemsprīguma 2014/35/ES; Elektromagnētiskās Saderības 2014/30/ES; Enerģiju saistītiem rāzojumiem 2009/125/EK; par dažu bīstamu vielu izmantošanas ierobežošanu 2011/65/UE + 2015/863 ; un saskaņotajiem Eiropas standartiem, kas minēti iepriekšējā lappusē.</p>	<p>(MT) - Malti DIKJARAZZJONI TA' KONFORMITÀ UE/KE</p> <p>WILO SE jiddikkjara li l-prodotti speċifikati f'din id-dikjarazzjoni huma konformi mad-direttivi Ewropej li jsegwu u mal-legisslazzjonijiet nazzjonali li japplikawhom:</p> <p>Vultaġġ Baxx 2014/35/UE; Kompatibbilità Elettromagnetika 2014/30/UE; Prodotti relatati mal-enerġija 2009/125/KE; dwar ir-restrizzjoni tal-użu ta' certi sustanzi perikoluži 2011/65/UE + 2015/863 ; kif ukoll man-normi Ewropej armoniżati li jsegwu imsemmija fil-paġna preċedenti.</p>



**DECLARATION OF CONFORMITY
KONFORMITÄTSERKLÄRUNG
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<p>(NL) - Nederlands EU/EG-VERKLARING VAN OVEREENSTEMMING</p> <p>WILO SE verklaart dat de in deze verklaring vermelde producten voldoen aan de bepalingen van de volgende Europese richtlijnen evenals aan de nationale wetgevingen waarin deze bepalingen zijn overgenomen:</p> <p>Laagspannings 2014/35/EU; Elektromagnetische Compatibiliteit 2014/30/EU; Energiegerelateerde producten 2009/125/EG; betreffende beperking van het gebruik van bepaalde gevaarlijke stoffen 2011/65/UE + 2015/863 ;</p> <p>De producten voldoen eveneens aan de geharmoniseerde Europese normen die op de vorige pagina worden genoemd.</p>	<p>(PL) - Polski DEKLARACJA ZGODNOŚCI UE/WE</p> <p>WILO SE oświadcza, że produkty wymienione w niniejszej deklaracji są zgodne z postanowieniami następujących dyrektyw europejskich i transponującymi je przepisami prawa krajowego:</p> <p>Niskich Napięć 2014/35/UE; Kompatybilności Elektromagnetycznej 2014/30/UE; Produktów związanych z energią 2009/125/WE; sprawie ograniczenia stosowania niektórych niebezpiecznych substancji 2011/65/UE + 2015/863 ;</p> <p>oraz z następującymi normami europejskimi zharmonizowanymi podanymi na poprzedniej stronie.</p>
<p>(PT) - Português DECLARAÇÃO DE CONFORMIDADE UE/CE</p> <p>WILO SE declara que os materiais designados na presente declaração obedecem às disposições das directivas europeias e às legislações nacionais que as transcrevem :</p> <p>Baixa Voltagem 2014/35/UE; Compatibilidade Electromagnética 2014/30/UE; Produtos relacionados com o consumo de energia 2009/125/CE; relativa à restrição do uso de determinadas substâncias perigosas 2011/65/UE + 2015/863 ;</p> <p>E obedecem também às normas europeias harmonizadas citadas na página precedente.</p>	<p>(RO) - Română DECLARAȚIE DE CONFORMITATE UE/CE</p> <p>WILO SE declară că produsele citate în prezența declarație sunt conforme cu dispozițiile directivelor europene următoare și cu legislația națională care le transpun :</p> <p>Joasă Tensiune 2014/35/UE; Compatibilitate Electromagnetică 2014/30/UE; Produselor cu impact energetic 2009/125/CE; privind restricțiile de utilizare a anumitor substanțe periculoase 2011/65/UE + 2015/863 ;</p> <p>și, de asemenea, sunt conforme cu normele europene armonizate citate în pagina precedentă.</p>
<p>(SK) - Slovenčina EÚ/ES VYHLÁSENIE O ZHODE</p> <p>WILO SE čestne prehlasuje, že výrobky ktoré sú predmetom tejto deklarácie, sú v súlade s požiadavkami nasledujúcich európskych direktív a odpovedajúcich národných legislatívnych predpisov:</p> <p>Nízkonapäťové zariadenia 2014/35/EÚ; Elektromagnetickú Kompatibilitu 2014/30/EÚ; Energeticky významných výrobkov 2009/125/ES; obmedzení používania určitých nebezpečných látok 2011/65/UE + 2015/863 ;</p> <p>ako aj s harmonizovanými európskymi normami uvedenými na predchádzajúcej strane.</p>	<p>(SL) - Slovenščina EU/ES-IZJAVA O SKLADNOSTI</p> <p>WILO SE izjavlja, da so izdelki, navedeni v tej izjavi, v skladu z določili naslednjih evropskih direktiv in z nacionalnimi zakonodajami, ki jih vsebujejo:</p> <p>Nizka Napetost 2014/35/UE; Elektromagnetno Združljivostjo 2014/30/EU; Izdelkov, povezanih z energijo 2009/125/ES; oomejevanju uporabe nekaterih nevarnih snovi 2011/65/UE + 2015/863 ;</p> <p>pa tudi z usklajenimi evropskimi standardi, navedenimi na prejšnji strani.</p>
<p>(SV) - Svenska EU/EG-FÖRSÄKRAN OM ÖVERENSSTÄMELSE</p> <p>WILO SE intygar att materialet som beskrivs i följande intyg överensstämmer med bestämmelserna i följande europeiska direktiv och nationella lagstiftningar som inför dem:</p> <p>Lågspänning 2014/35/EU; Elektromagnetisk Kompatibilitet 2014/30/EU; Energirelaterade produkter 2009/125/EG; begränsning av användning av vissa farliga ämnen 2011/65/UE + 2015/863 ;</p> <p>Det överensstämmer även med följande harmoniserade europeiska standarder som nämnts på den föregående sidan.</p>	<p>(TR) - Türkçe AB/CE UYGUNLUK TEYİD BELGESİ</p> <p>WILO SE bu belgede belirtilen ürünlerin aşağıdaki Avrupa yönetmeliklerine ve ulusal kanunlara uygun olduğunu beyan etmektedir:</p> <p>Alçak Gerilim Yönetmeliği 2014/35/AB; Elektromanyetik Uyumluluk Yönetmeliği 2014/30/AB; Eko Tasarım Yönetmeliği 2009/125/AT; Belirli tehlikeli maddelerin bir kullanımını sınırlılandıran 2011/65/UE + 2015/863 ;</p> <p>ve önceki sayfada belirtilen uyumlaştırılmış Avrupa standartlarına.</p>
<p>(IS) - Íslenska ESB/EB LEYFISYFIRLÝSING</p> <p>WILO SE lýsir því yfir að vörurnar sem um getur í þessari yfirlýsingu eru í samræmi við eftirfarandi tilskipunum ESB og landslögum hafa samþykkt:</p> <p>Lágspennutilskipun 2014/35/ESB; Rafseguls-samhæfni-tilskipun 2014/30/ESB; Tilskipun varðandi vörur tengdar orkunotkun 2009/125/EB; Takmörkun á notkun tiltekinna hættulegra efna 2011/65/UE + 2015/863 ;</p> <p>og samhæfða evrópska staðla sem nefnd eru í fyrrí síðu.</p>	<p>(NO) - Norsk EU/EG-OVERENSSTEMMELSESERKLÆRING</p> <p>WILO SE erklærer at produktene nevnt i denne erklæringen er i samsvar med følgende europeiske direktiver og nasjonale lover:</p> <p>EG-Lavspenningsdirektiv 2014/35/EU; EG-EMV-Elektromagnetisk kompatibilitet 2014/30/EU; Direktiv energirelaterte produkter 2009/125/EF; Begrensning av bruk av visse farlige stoffer 2011/65/UE + 2015/863 ;</p> <p>og harmoniserte europeiske standarder nevnt på forrige side.</p>









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