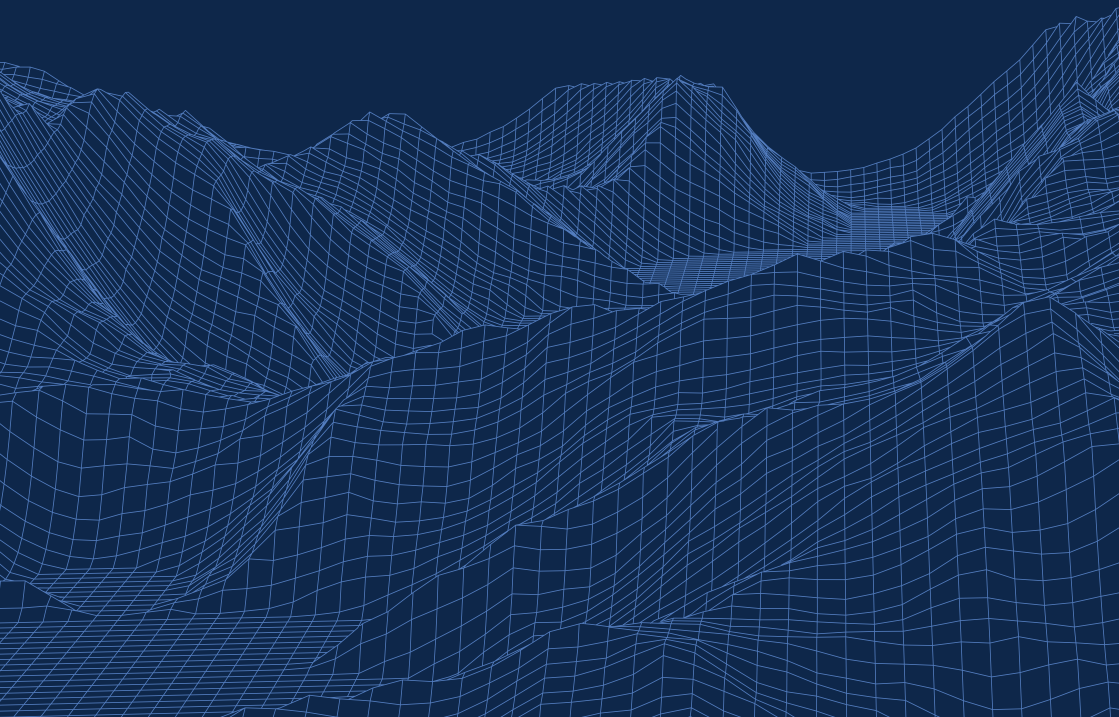




USER GUIDE



BPE-G

COMPATIBLE MODELS

- GRUNDFOS UPM3 15-60
- **GRUNDFOS UPM3 15-70**
- GRUNDFOS UPM3 15-75
- **GRUNDFOS UPM3S 15-60**
- GRUNDFOS UPM4 15-60
- **GRUNDFOS UPM4 15-70**
- GRUNDFOS UPM3 AUTO 15-60
- **GRUNDFOS UPM3 AUTO 15-70**
- GRUNDFOS UPM3 AUTO 15-75



MAIN FEATURES

There are power and pwm converters in each of our products. By using the converters according to the pump you use, you can adapt to any pump you want.

POWER CABLE

You can connect the power using the converter suitable for the power input used in Grundfos models.

GRUNDFOS POWER CONVERTER

It is compatible with all grundfos pumps used in condensing combi boilers.

HOW TO CONNECT THE POWER OF THE DUCA BPE-G SERIES PUMP?

Remove the motor of your broken grundfos pump. Connect the power cable from the boiler to the broken grundfos pump. Connect to the new generation duca pump via the power converter cable.

Power Connection is OK!

**GRUNDFOS pumps such as CIL3, CACAO, CIA02, CIA02 AC, CES3, CESA01, CE-SA02, CESA04, AOKR, CA0D, KM BUS, ZZZ, AZA, AZJ, CHB 18, GGMBP3, R-DIN, AZJ, ACA, etc. . The inscriptions on the pumps are the names of the plastic body of the pumps or a few features. Our products adapt to all these different*



$EEI \leq 0.23$

iPWM

ErP
READY

CE RoHS
Compliant

BPE-G

COMPATIBLE MODELS

- GRUNDFOS UPM3 15-60
- GRUNDFOS UPM3 15-70
- GRUNDFOS UPM3 15-75
- GRUNDFOS UPM3S 15-60
- GRUNDFOS UPM4 15-60
- GRUNDFOS UPM4 15-70
- GRUNDFOS UPM3 AUTO 15-60
- GRUNDFOS UPM3 AUTO 15-70
- GRUNDFOS UPM3 AUTO 15-75
- GRUNDFOS UPM3 FLEX 15-60
- GRUNDFOS UPM3 FLEX 15-70



MAIN FEATURES

There are power and pwm converters in each of our products. You can adapt to any pump you want by using converters according to the pump you use.

DUCA BPE-G SERIES

HOW TO CONNECT THE PUMP TO PWM MINISUPERSEAL?

It is compatible with all grundfos pumps used in condensing combi boilers.

GRUNDFOS PWM MINISUPERSEAL CONVERTER

Remove the motor of your broken grundfos pump. connect the power cable from the boiler to the broken Grundfos pump. Connect to the new generation duca pump via the power converter cable.

Pwm Minisuperseal Connection is OK!

**GRUNDFOS pumps such as CIL3, CACAO, CIAO2, CIAO2 AC, CES3, CESA01, CE-SA02, CESA04, AOKR, CAOD, KM BUS, ZZZ, AZA, AZJ, CHB 18, GGMBP3, R-DIN, AZJ, ACA, etc. . The inscriptions on the pumps are the names of the plastic body of the pumps or a few features. Our products adapt to all these different bodies.*



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COMPATIBLE MODELS

- GRUNDFOS UPM3 15-60
- GRUNDFOS UPM3 15-70
- GRUNDFOS UPM3 15-75
- GRUNDFOS UPM3S 15-60
- GRUNDFOS UPM4 15-60
- GRUNDFOS UPM4 15-70
- GRUNDFOS UPM3 AUTO 15-60
- GRUNDFOS UPM3 AUTO 15-70
- GRUNDFOS UPM3 AUTO 15-75
- GRUNDFOS UPM3 FLEX 15-60
- GRUNDFOS UPM3 FLEX 15-70



MAIN FEATURES

There are Power and Pwm converters inside each of our products. You can adapt to any pump you want by using the converters according to the pump you use.

HOW TO MAKE FCI PWM CONNECTION OF DUCA BPE-G SERIES PUMP?

It is compatible with all grundfos pumps used in condensing combi boilers.

FCI PWM CONVERTER

Remove the motor of your grundfos pump that is broken. Connect the pwm cable from the boiler attached to the defective Grundfos pump to the new generation Duca pump via the GRUNDFOS PWM CONVERTER cable.

Fci Pwm Connection is OK!

In GRUNDFOS pumps, such as CIL3, CA-CA0, CIA02, CIA02 AC, CES3, CESA01, CE-SA02, CESA04, AOKR, CAOD, KM BUS, ZZZ, AZA, AZJ, CHB 18, GGMBP3, R-DIN, AZJ, ACA, etc. The inscriptions on the pumps are the names of the plastic body of the pumps or a few features. Our products adapt to all these different bodies.



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COMPATIBLE MODELS

- **UYUMLU MODELLER**
- **Wilo PARA 6-43**
- **Wilo PARA 7-50**
- **Wilo YONOS PARA 15-60**
- **Wilo YONOS PARA 15-70**
- **Wilo PARA 6-43 PWM**
- **PWM Wilo PARA 7-50 PWM**
- **Wilo YONOS PARA 15-60 PWM**
- **Wilo YONOS PARA 15-70 PWM**



MAIN FEATURES

There are Power and Pwm converters inside each of our products.

You can adapt to any pump you want by using converters according to the pump you use.

POWER CORD

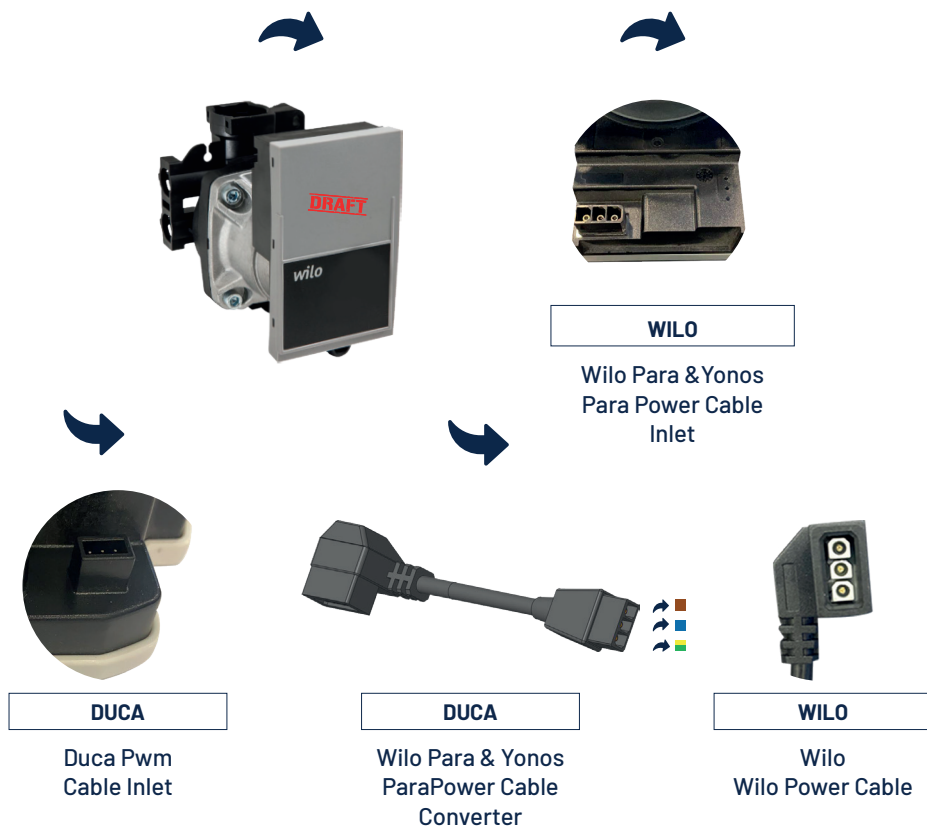
Used in Condensing Boilers, PARA and YONOS PARA are compatible with all of the pumps.

HOW TO CONNECT WILO PARA&YONOS PARA POWER CONVERTER?

WILO POWER CONVERTER

Disassemble the motor of your Wilo pump, which is broken. Connect the power cable from the boiler, which is attached to the broken Wilo Pump, to the new generation Duca pump using the WILO POWER CONVERTER.

Wilo Para&Yonos Para Power Converter is OK!



PHASE ■ NEUTRAL ■ GROUND ■

Many manufacturers use different types of cables in Wilo pumps. Therefore, you should pay attention to the colors when connecting your cable.

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iPWM

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READY

CE RoHS
Compliant

BPE-W

COMPATIBLE MODELS

- Wilo PARA INT 6-43 PWM
- Wilo PARA INT 7-50 PWM
- Wilo YONOS PARA 15-60 PWM
- Wilo YONOS PARA 15-70 PWM



MAIN FEATURES

There are Power and Pwm converters inside each of our products. You can adapt to any pump you want by using the converters according to the pump you use.

HOW TO MAKE FCI PWM CONNECTION OF BPE-W SERIES ?

It is compatible with all WILO pumps used in Condensing Combi Boilers.

Disassemble the motor of your Wilo pump, which is broken. Connect the pwm cable from the boiler, which is attached to the defective Wilo Pump, to the new generation Duca pump via the GRUNDFOS&WIL0 PWM CONVERTER cable.

In Wilo models, if Pwm is used in the combi boilers, you can make the pwm connection using the WIL0 FCI PWM CONVERTER that you will supply with the pumps.

Wilo Para Fci Pwm Cable is OK!

** In PARA INT models, you can cut the adapters of both the power cable coming from the Duca pump and the power cable coming from the boiler side and connect them with a push-in terminal. When installing the cable, make sure that it is installed with the correct colors.*

** KSL, MSL, NFSL, TSL etc. in Wilo pumps the writings on the pumps are the names of the plastic body of pumps. It also adapts to all different bodies.*



If it is a pump without PWM control, you can select one of the stages S1, S2, S3, S4, S5 according to the capacity of the old pump. When you do this, don't forget to cover the PWM cable's inlet with the small piece that comes off.

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Compliant

BPE-W

COMPATIBLE MODELS

- Wilo PARA INT 6-43 PWM
- Wilo PARA INT 7-50 PWM
- Wilo YONOS PARA 15-60 PWM
- Wilo YONOS PARA 15-70 PWM



MAIN FEATURES

There are Power and Pwm converters inside each of our products. You can adapt to any pump you want by using converters according to the pump you use.

POWER CABLE

It complies with all of the PARAINT Pumps Used in Condensing Boilers.

WILO PARA INT POWER CABLE CONVERTER

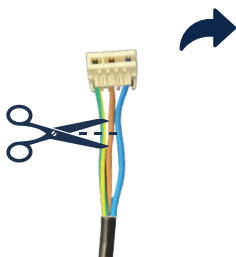
Disassemble the motor of your wilo pump, which is broken. In Para int models, cut the adapters of both the power cable coming from the duca pump and the power cable coming from the combi boiler.

You can connect it with a push-in terminal. When installing the cable, make sure that it is plugged into the correct colors.

Wilo Para Int Power Cable is OK!

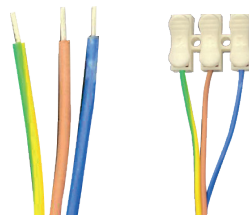
** In PARA INT models, you can cut the adapters of both the power cable coming from the Duca pump and the power cable coming from the boiler side and connect them with a push-in terminal. When installing the cable, make sure that it is installed with the correct colors.*

** KSL, MSL, NFSL, TSL etc. in Wilo pumps the writings on the pumps are the names of the plastic body of pumps. It also adapts to all different bodies.*



WILO PARA INT

Cut the Connector of the Wilo Para Int Power Cable.



DUCA PWM

Connect the Cuted Cable with Duca Pwm Cable Using Push-in Terminal.



DUCA

Power Cable Inlet



DUCA PWM

Make a Terminal Connection to the Power Cable from the Combi Boiler. Now connect the Duca PWM Cable to this terminal, paying attention to the colors.



PHASE | NEUTRAL | GROUND

Colors are designed according to world standards. They may differ in other brands. In the defective PARA INT WILO model, you can find the phase grounding and notr inputs based on which color cable is connected to which socket.

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Compliant

BPE-W

COMPATIBLE MODELS

- Wilo PARA INT 6-43 PWM
- Wilo PARA INT 7-50 PWM
- Wilo YONOS PARA INT 15-7 PWM
- Wilo YONOS PARA INT 15-6 PWM



MAIN FEATURES

There are Power and Pwm converters inside each of our products. You can adapt to any pump you want by using the converters according to the pump you use.

HOW TO CONNECT WILO PARA PWM CABLE CONVERTER?

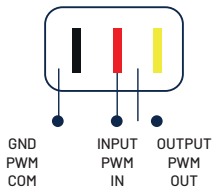
WILO PARA INT PWM Used in Condensing Boilers Adapts to All.

WILO PARA INT PWM CABLE CONVERTER

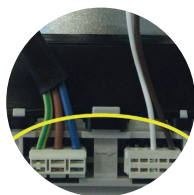
Disassemble the motor of your Wilo pump, which is broken. In PARA INT models, you can cut the adapters of both the pwm cable coming from the DUCA PUMP and the pwm cable coming from the combi side and connect them with a push-in terminal. When installing the cable, pay attention to the correct colors.

Wilo Para Int Pwm Cable OK!

** KSL, MSL, NFSL, TSL etc. in Wilo pumps. The writings on the pumps are the names of the plastic body of the pumps. It also adapts to all different bodies.*

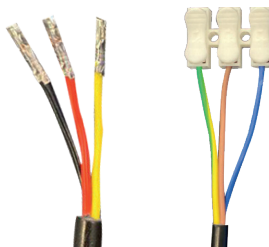


Colors are designed according to world standards. It may differ in other brands. In the defective WIL0 PARA INT model, you can find the phase grounding and notr inputs based on which color cable is connected to which socket.



WIL0 PARA INT

Cut the Connector of the Pwm Cable.



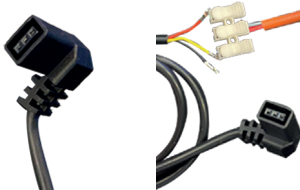
DUCA PWM

Connect the cuted cable with DUCA PWM cable using push-in terminal.



DUCA

Power Cable Inlet



DUCA PWM

Connect the cuted cable with DUCA PWM cable using push-in terminal. Now connect the DUCA PWM cable to this terminal, paying attention to the colours.

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