



INSTALLATION INSTRUCTIONS

Each box of our products has power and PWM converter cables.

There are PWM converter and power cable in each box of our products.

By using the converters according to the pump you use, you can use it compatible with any pump you want.

POWER CABLE:

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

PWM CABLE:

If Pwm cable is used in Grundfos model boilers, you can make a pwm connection using the converter you will have with the pumps.

Grundfos pumps have two separate PWM inputs, therefore, do not forget to ask your dealer for the converter suitable for that pump, whichever cable was used in the pump used in the past. If PWM is not used in the previously installed DUCA pump, you should block the PWM inlet of the DUCA pumps with the silicone part that comes out of your box and prevent water from entering the pump. 5 different capacity settings can be made on your product, and if the PWM cable is attached, the pump switches to operating mode in line with the PWM signal. If the PWM cable is attached to the pump used in the boiler, connect the converter cable.

If it is a pump without PWM control, you can select one of the S1, S2, S3, S4, S5 stages according to the capacity of the old pump. If you follow this step, don't forget to cover the PWM cable with the small piece that came out of the box.



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

The inscriptions on CIL3, CACA0, CIA02, CIA02AC, CESA1 and similar pumps in Grundfos pumps are the names of the plastic body of the pumps or a few features.

How to make power connection of **DUCA BPE-G Series pump?**

POWER INPUT

BPE-G Series work in accordance with all pumps used in condensing boilers.

GRUNDFOS POWER CONVERTER

Remove the broken Grundfos pump motor from the boiler.

Connect the power cable from the boiler to the broken Grundfos pump to the new generation DUCA pump via the Grundfos Power Converter cable.

POWER CONNECTION IS COMPLETED!

GRUNDFOS POWER
CABLE INPUT



GRUNDFOS
POWER CABLE



GRUNDFOS POWER
CABLE CONVERTER



DUCA POWER
CABLE INPUT

How to make the PWM connection of the DUCA BPE-G Series pump?

PWM INPUT

BPE-G Series work in accordance with all pumps used in condensing boilers.

GRUNDFOS PWM CONVERTER

Remove the broken Grundfos pump motor from the boiler.
Connect the GRUNDFOS PWM CONVERTER cable from the boiler to the broken Grundfos pump to the new generation DUCA pump.

