RESOL®
CONTROL TECHNOLOGY

PSW Basic Pump signal converter

PSW Basic

HE pump control

High efficiency without replacing the controller

The PSW Basic Pump signal converter is used for connecting speed-controlled high-efficiency pumps with a PWM or 0-10 V control input to a controller without a corresponding output. Thus, when replacing the pump, speed control can be enabled without replacing the controller.
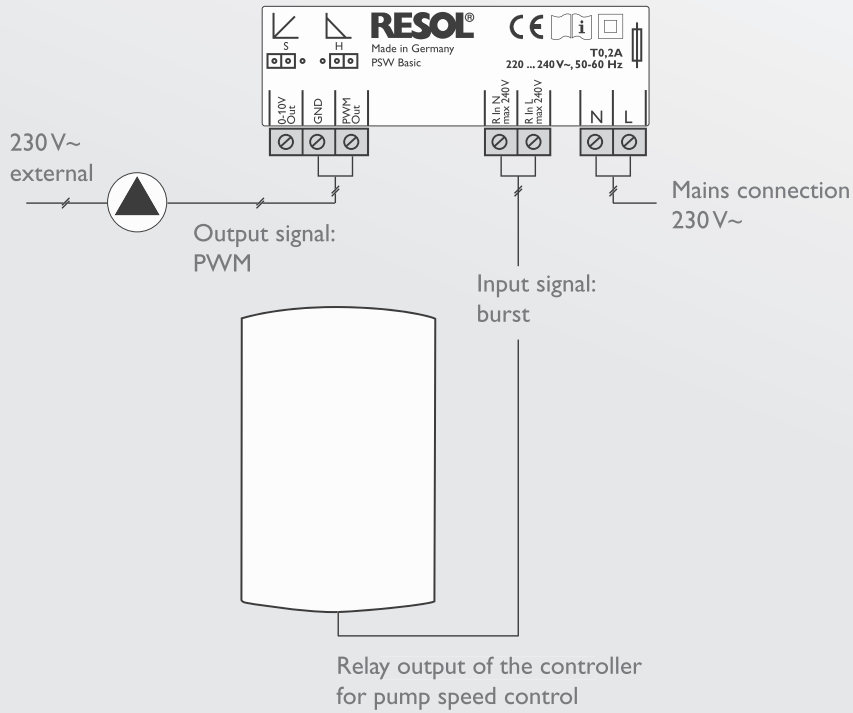
The PSW Basic is small, easy to install and simple to connect. It covers a large part of the most common signal combinations – it converts the signal of a speed-controlling semiconductor relay into either a PWM or a 0-10 V signal, both of those inverted if necessary.

- For solar and heating pumps
- PWM or 0-10 V output signal
- Inversion of the output signal possible
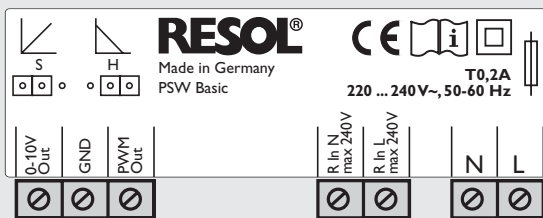- Robust and dripping water protected housing

RESOL PSW Basic
Price bracket B | Article no: **180 010 53**

Set incl. Wilo Yonos Para 15/7 pump (130 mm)
Price bracket B | Article no: **180 011 80**

Set incl. Wilo Yonos Para 25/7 pump (130 mm)
Price bracket B | Article no: **180 011 90**

Set incl. Wilo Yonos Para 25/7 pump (180 mm)
Price bracket B | Article no: **180 012 00**

Customised and OEM versions are available on request. Please contact our sales team.
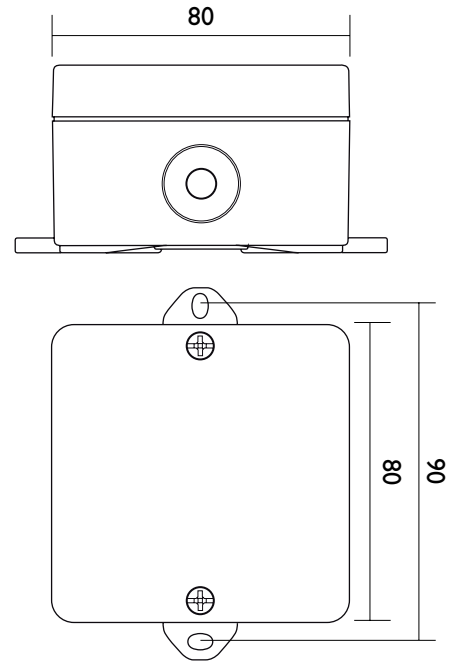
Example

230 V~
external

Output signal:
PWM

Input signal:
burst

Mains connection
230 V~

Relay output of the controller
for pump speed control

Electrical connection

Technical data

80

80

90

Inputs: bursts, phase cutting

Outputs: PWM / 0-10 V

PWM frequency: 625 Hz +-15 %

PWM voltage: 11 V

Power supply: 220 ... 240 V~ (50 ... 60 Hz)

Supply connection: Y

Power consumption: max. 1,5 VA

Mode of operation: 1.Y

Rated impulse voltage: 2,5 kV

Functions:
signal converter, converting a speed-controlled 230 V
signal into a PWM or 0-10 V signal

Housing: plastic

Mounting: Wall mounting

Ingress protection: IP 20 / EN60529

Protection class: II

Ambient temperature: 0 ... 50 °C

Pollution degree: 2

Dimensions: 80 x 80 x 53 mm

Do you have any further questions? We have the answers: