

## PSW Premium Pump signal converter



High efficiency  
without  
replacing the  
controller

Also available as  
a full kit with  
preconnected pump!

The PSW Premium Pump signal converter is used for connecting speed-controlled high-efficiency pumps with a PWM or 0-10V control input to a controller without a corresponding output. Thus, when replacing the pump, speed control can be enabled without replacing the controller.

The functionality of the PSW Premium is very similar to that of the PSW Basic, but it is additionally equipped with a relay output for the power supply of the pump. Moreover, it has an overrun function to reduce the number of switching processes for the high-efficiency pump.

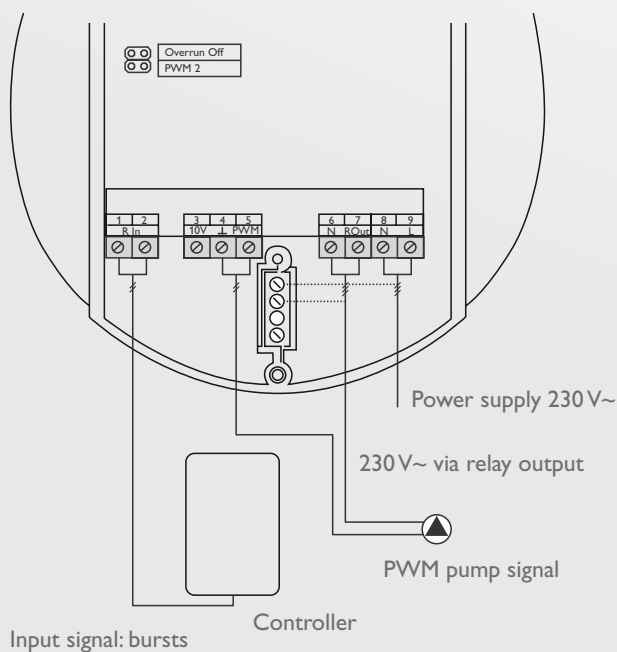
- No controller replacement required
- For solar and heating pumps
- PWM or 0-10V signal
- Inversion of the output signal possible

### RESOL PSW Premium

Price bracket B | Article no: **180 010 90**

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

## Example



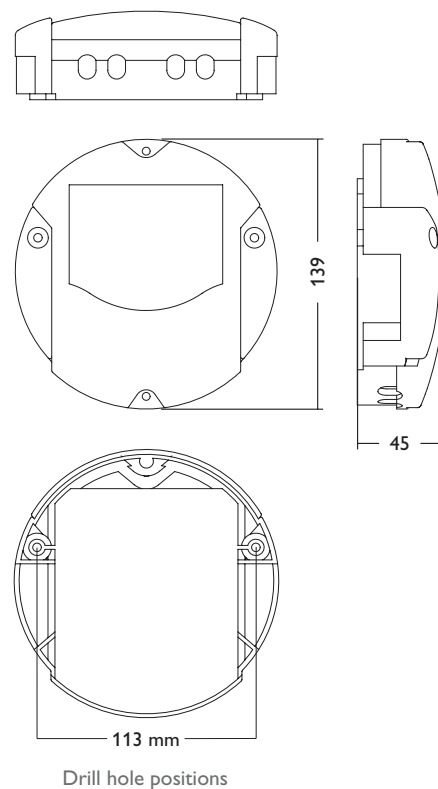
## PSW Premium

- Integrated power supply of the pump
- Overrun function
- Pump status display



Input signal \ Output signal	PWM	PWM inv.	0-10V	0-10V inv.
Bursts	x	x	x	x
Leading-edge phase control	x	x	x	x
Trailing-edge phase control	x	x	x	x

## Technical data



**Inputs:** bursts, phase cutting

**Outputs:** 1 semiconductor relay, 1 PWM, 1 0-10V

**PWM frequency:** 625 Hz  $\pm 2,5\%$

**PWM voltage:** 11V

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

**Supply connection:** Y

**Power consumption:** max. 1,7 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 0-10V signal

**Housing:** plastic

**Mounting:** Wall mounting

**Ingress protection:** IP 20/DIN EN 60529

**Protection class:** II

**Ambient temperature:** 0 ... 40 °C

**Pollution degree:** 2

**Dimensions:** Ø 139 mm

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

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