

Pump signal converter PSW Premium Set



The simple
solution
for pump
replacement



With the PSW Premium Set, converting your system to high-efficiency pump technology is simple and cost-effective. It contains an energy-saving Wilo Yonos PARA high-efficiency pump and a PSW Premium pump signal converter that enables the connection of a high-efficiency pump to a controller without a corresponding output.

The pump and the signal converter are pre-connected in order to make installation as quick and as easy as possible. The PSW Premium Set is available with a choice of different pumps.

- Ready to plug in
- Harmonised system
- Available in DN15 and DN25
- Choice of different pumps
- OEM versions available

RESOL PSW Premium Set

Incl. Wilo Yonos PARA 15/7 pump (130 mm)

Price bracket B | Article no.: **180 011 13**

RESOL PSW Premium Set

Incl. Wilo Yonos PARA 25/7 pump (130 mm)

Price bracket B | Article no.: **180 011 23**

RESOL PSW Premium Set

Incl. Wilo Yonos PARA 25/7 pump (180 mm)

Price bracket B | Article no.: **180 011 53**

PSW Premium

- Integrated power supply for the pump
- Overrun time
- Pump status display



High-efficiency pump

- Wilo Yonos PARA high-efficiency pump



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. 1,7VA

Mode of operation: 1.Y

Rated impulse voltage: 2,5 kV

Functions: signal converter, converting a speed-controlled 230V 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: \varnothing 130 mm

Pump

Ingress protection: IP X4D

Flow rate: 3.3 m³/h

Maximum temperature:

Ambient 52 °C = TF 0 to 110 °C

of 57 °C = 0 to 95 °C

of 60 °C = 0 to 90 °C

of 67 °C = 0 to 70 °C

Delivery height: 6.2 m (6 m model)
7.3 m (7 m model)

Medium: Heating water (in accordance with VDI 2035)
Water-glycol mixtures (max. 1:1; above 20 % admixture, the pumping data must be checked)

Insulation class: F

Operating pressure: According information on the nameplate

Mains connection: 1~230V $\pm 10\%$ / -15% , 50/60 Hz
(acc. IEC 60038)

Electromagnetic compatibility: EN 61800-3

Emitted interference:
EN 61000-6-3 / EN 61000-6-4

Interference resistance:
EN 61000-6-1 / EN 61000-6-2

RoHS: conform

Minimum suction head at 50/95/110 °C:
0.5/4.5/11 m

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

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