

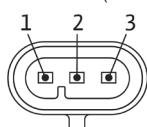
DATA SHEET

S2 Solar 2 Pump Station, WILO, 20–70 l/min, G 6/4"



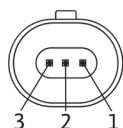
Connection of WILO Para Maxo 25-180-08-F02 pump

Power socket (outer view of pump connection)



Pin	Cable colour	Assignment
1	brown	Live (L)
2	brown yellow-green	Protective earthing conductor (PE)
3	blue	Neutral conductor (N)

Control socket (outer view of pump connection)



Pin	Cable colour	0–10 V signal	PWM	iPWM	LIN extended	
1	brown	0–10 V signal	PWM input	iPWM input	Vbus	B (+)
2	gray or blue	Ground (GND)	Ground (GND)	Ground (GND)	Ground (GND)	Ground (GND)
3	black	free	free	PWM input	LIN signal	A (–)

Feature	Recommended value
Length	for 0–10 V signal: 30 m max. for PWM, iPWM, LIN, Modbus: 3 m max.

Main Features

Application	For solar circuits.
Description	Consists of WILO Para Maxo 25-180-08-F02 circulation pump, flow rate indicator, 2 ball valves with thermometers, safety valve with pressure gauge and insul. The pump can be controlled either by external signal (PWM, 0–10 V, LIN bus, Modbus) or internally by selecting one of modes: constant speed, variable pressure $\Delta p-v$, or constant pressure $\Delta p-c$.
Installation	Pump on solar return.
Working fluid	Water–glycol mixture (max. 1:1).
Code	14868

Pump Station Data

Fluid operating temp.	–10 to 110 °C
Working pressure (min./max.)	1.6/6.0 bar
Max. power input	128 W
Max. head	8 m
Max. ambient temp.	45 °C
Power supply	1~230 V, 50 Hz
Insulation material	EPP RG 60 g/l
Overall dimensions	285 x 500 x 170 mm
Pipe pitch	125 mm
Total weight	8.95 kg
Connection	4 x G 6/4" M

WILO Para Maxo 25-180-08-F02 Circulation Pump

Electric Data

Power supply	1~230 V, 50 Hz
Power input (min./max.)	5/128 W
Current (max.)	0.91 A
IP rating	IPX4D
Motor protection	integrated

Power supply cables and control cables are included in supply.

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Pump performance curves

