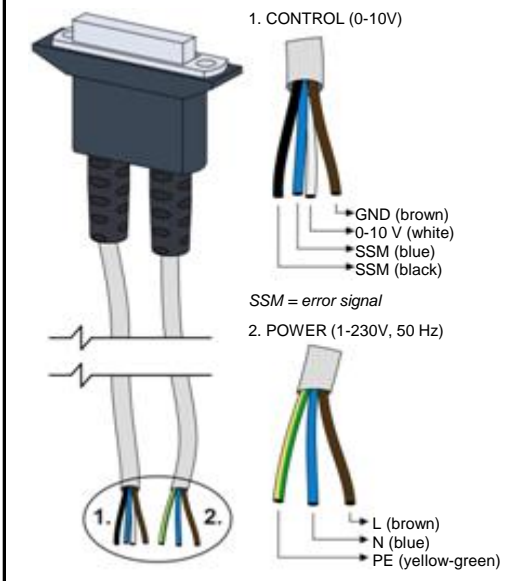


S2 Solar 2 Pump Station, WILO, 20-70 l/min, G 6/4"



Connection of WILO Stratos PARA pump



Main Features	
Application	for solar circuits
Description	consists of WILO Stratos PARA 25/1-8 circulation pump, flow rate indicator, 2 ball valves with thermometers, safety valve with pressure gauge and insul.
Installation	pump on solar circuit return
Working fluid	water-glycol mixture (max. 1:1)
Code	14868

Pump Station Data	
Fluid operating temp.	-10 to 110 °C
Max. working pressure	6 bar
Max. power input	130 W
Max. head	8 m
Max. ambient temp.	25 °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 Stratos PARA 25/1-8 Circulation Pump	
Electric Data	
Power supply	1~ 230 V, 50 Hz
Power input (min./max.)	8 / 130 W
Current (min./max.)	0,07 / 0,95 A
IP rating	IPX4D
Motor protection	integrated

Operating Data	
Fluid operating temp.	-10 to 110 °C at 25 °C ambient temp.
Max. working pressure	10 bar
Max. speed	3900 rpm
Energy Efficiency Index	≤ 0,23
Max. relative humidity	resistant to condensing humidity

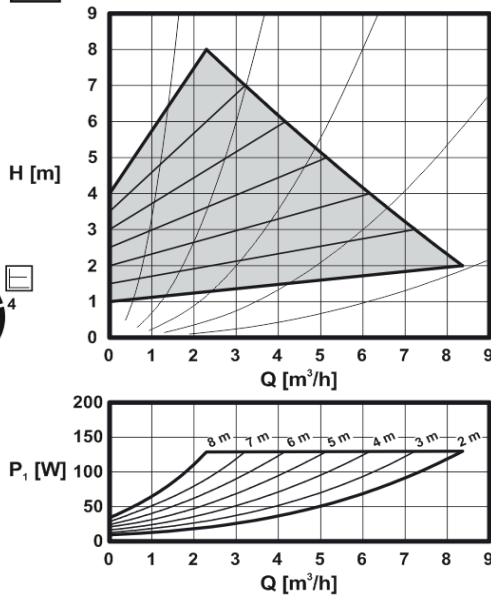
Min. pressure at pump suction port to avoid cavitation	
50 / 95 / 110 °C	3 / 10 / 16 mH ₂ O

Power supply cables and 0-10V control cables are included in supply.

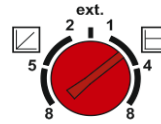
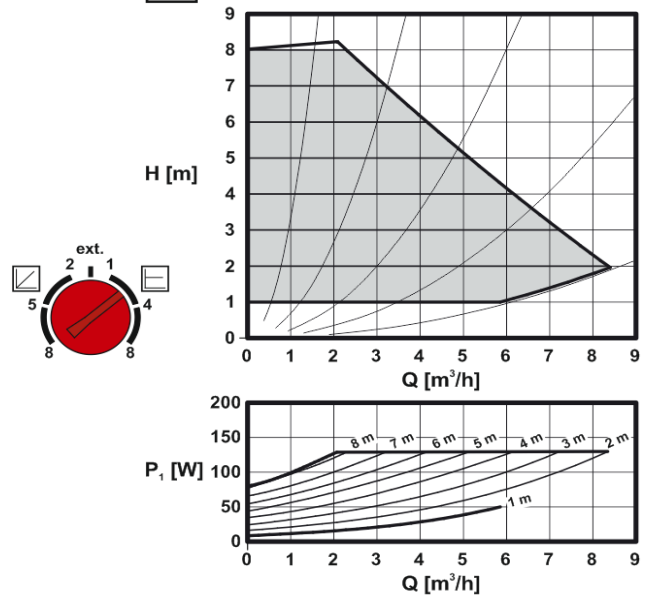
S2 Solar 2 Pump Station, WILO, 20-70 l/min, G 6/4"

Pump Performance Curves

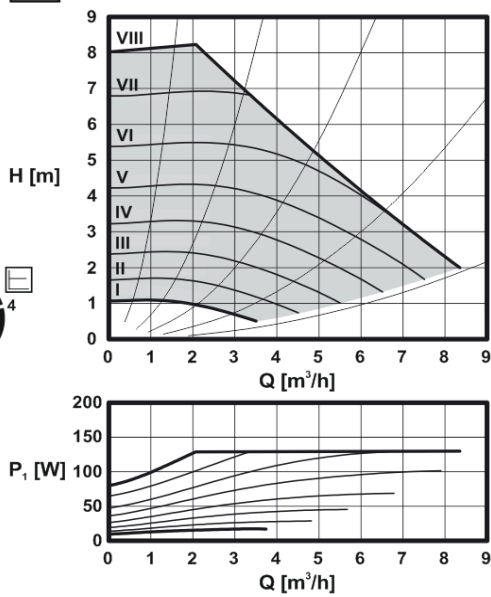
Variable differential pressure Δp



Constant differential pressure Δp



ext. 0-10 V signal control



	n [1/min]	0-10 V
I	1400	3 V
II	1757	4 V
III	2114	5 V
IV	2471	6 V
V	2829	7 V
VI	3186	8 V
VII	3543	9 V
VIII	3900	10 V



Flow rate indicator

Description	intended for flow rate indication
Fluid operating temp.	120 °C (max. 160 °C for 20 s)
Max. working pressure	10 bar
Measurable flow rate range	20 to 70 l/min
Connection	6/4" M x 6/4" F

Safety Valve

Opening pressure	6 bar
Connection	G 1" F x G 3/4" M