

CSE SOL G P Solar Pump Station

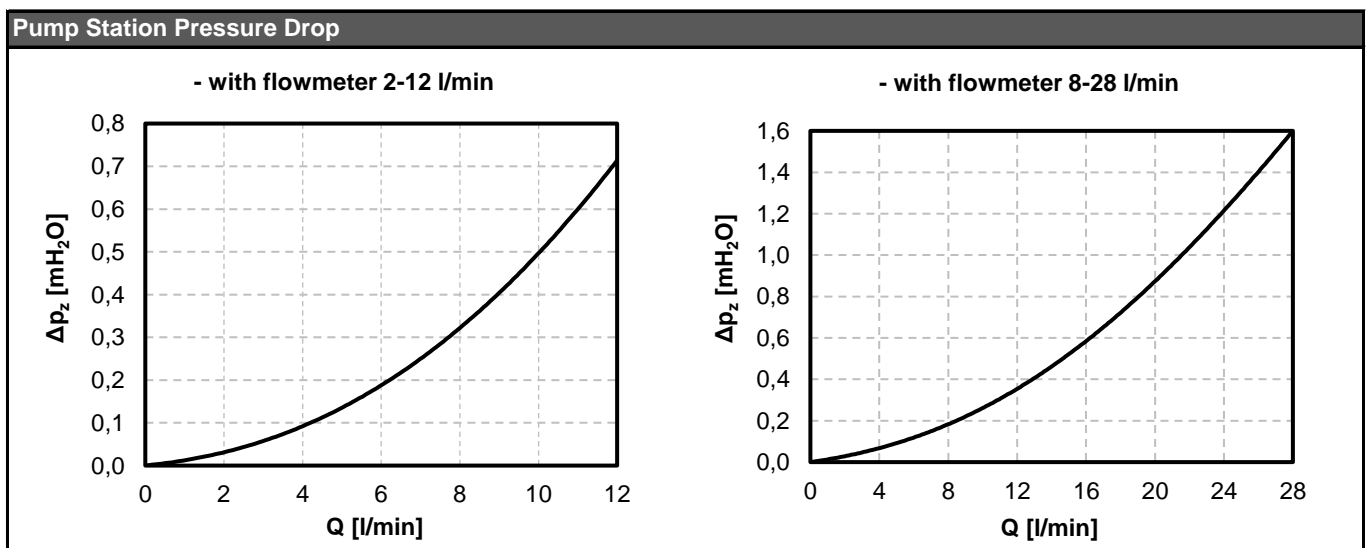
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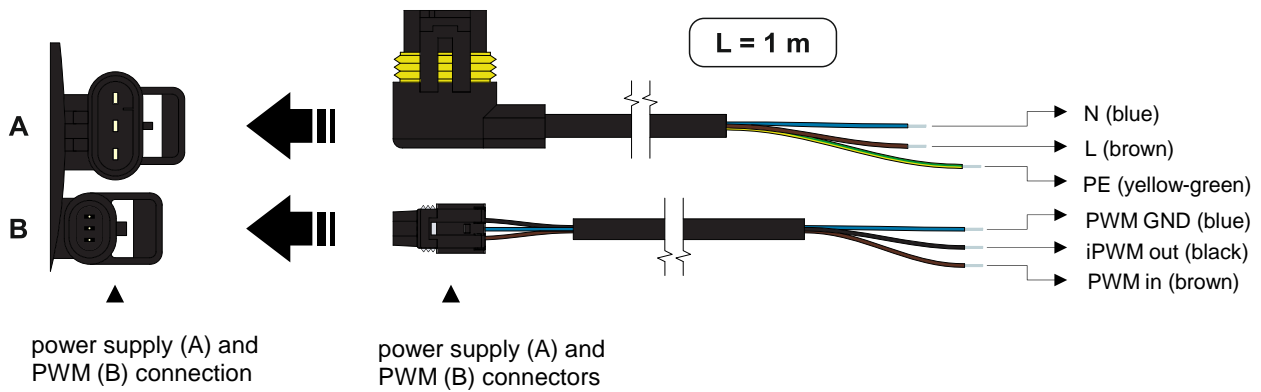
Main Features	
Application	Solar Pump Station involves all necessary components for everyday efficient operation of a solar thermal system.
Description	<p>The pump station consist of a Grundfos UPM3 Hybrid 25-70 pump, check and safety valves, 2 ball valves, flowrate indicator, pressure gauge, thermometer, installation kit and insulation. The pump can be controlled by PWM signal or by selecting a performance curve. After the control element with end stops is removed and the gland nut released, the ball valves enable easy replacement of O-rings without the need of draining the solar thermal system.</p> <p>The pump station further involves:</p> <ul style="list-style-type: none"> • outlet for expansion vessel connection • outlet from safety valve, incl. extension piping led below the pump station for an easy connection • solar thermal system filling, draining and topping-up valves
Installation	on a tank or wall using the installation kit
Working fluid	water-glycol mixture (max. 1:1)
Code	18958 - G 3/4" M connection, flowmeter 2-12 l/min 18957 - G 1" M connection, flowmeter 8-28 l/min

Pump Station Data	
Max. fluid working temperature	110 °C
Max. working pressure	6 bar
Min. system pressure	1.3 with the pump stopped
Ambient temperature	5-40 °C
Max. relative humidity	85% at 25 °C
Power supply	230 V, 50 Hz
Insulation material	EPP RG 60 g/l
IP rating	IP20
Overall dimensions	470 x 265 x 120 mm
Total weight	6.6 kg

Accessories	
Code 7629	pipe union Cu 22 x Cu 22, straight, to connect a waste pipe to the safety valve
Code 13695	pipe union Cu 22 x G 3/4" M, straight, to connect a waste pipe to the safety valve



Pump Electrical Wiring



Pump Performance Curves

