


## CSE SOL W SRS1 T-E Solar Pump Station

v1.4\_07/2021

	<b>Main Features</b>			
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### Code corresponding to connection size

Connection	G 3/4"M	G 1"M	Cu 18 mm	Cu 22 mm	Cu 28 mm
<b>Code</b>	<b>16955</b>	<b>17318</b>	<b>18118</b>	<b>16956</b>	<b>17319</b>

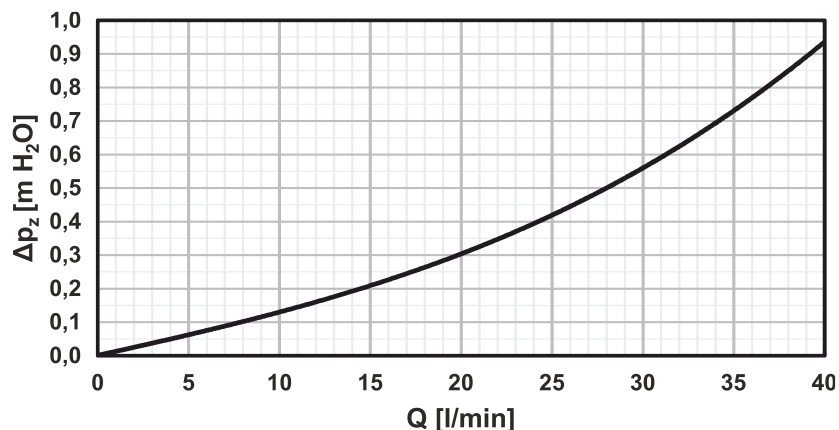
### Pump Station Data

Max. fluid working temperature	110 °C
Max. working pressure	6 bar
Min. system pressure	1.3 bar with the pump stopped
Flow rate measurement range	2-20 l/min
Max. switched current	13 A / 230 V
Power supply	230 V, 50 Hz
Ambient temperature	5 to 40 °C
Max. relative humidity	85% at 25 °C
Insulation material	EPP RG 60 g/l
IP rating	IP20
Overall dimensions	470 x 265 x 120 mm
Total weight	7.1 kg

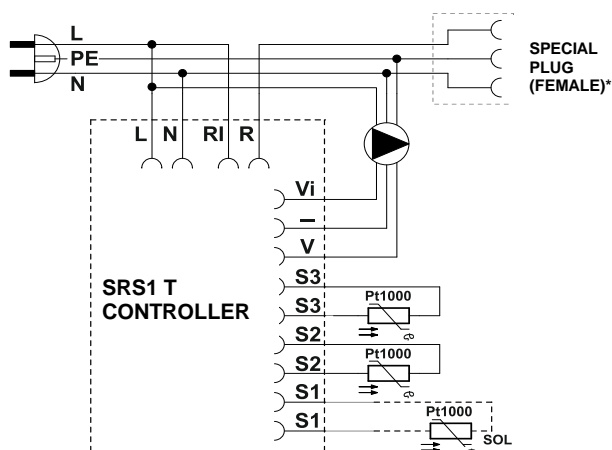
### Accessories

Code 16942	ETT-N heating element, 2 kW
Code 16943	ETT-N heating element, 3 kW
Code 16940	connector for CSE SOL W SRS1 T-E
Code 7629	Cu 22 x Cu 22 fittings, straight, to connect safety valve to waste pipe
Code 13695	Cu 22 x G 3/4" M fittings, straight, to connect safety valve to waste pipe

### Pump Station Pressure Drop



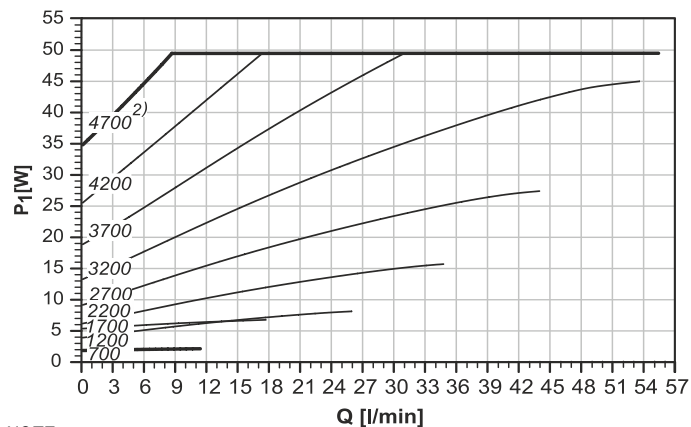
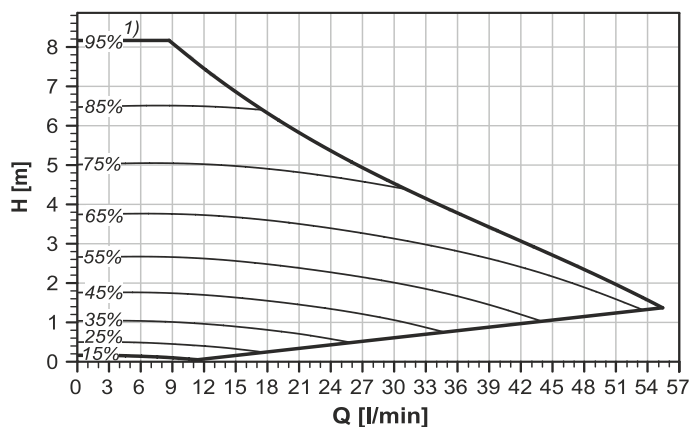
### Pump Station Internal Wiring



- L** live
- N** neutral
- RI, R** potential-free switching contact
- Vi** iPWM signal input
- GND PWM
- V** PWM signal output
- S3** sensor 3 (aux. heat.)
- S2** sensor 2 (sol. consumer)
- S1** sensor 1 (collector)

\* in pump station to connect heating element, 3 kW max. output

### Pump Performance curves



NOTE:

- 1) PWM signal value in %,
- 2) speed in rpm