**R E G U L U S spol. s r.o.**
Do Koutů 1897/3, 143 00 Praha 4
Tel.: +420 241 764 506
E-mail: info@regulus.cz
**www.regulus.cz**

# SRS1-T

Controller commissioning - quick setup guide

| | |
|---|---|
| ❗ | The controller comes with predefined czech language. You should set it to your preferred language as described in "Selection of language". |
| ⚠ | This setup guide is intended to simplify initial settings of the Controller for standard Regulus solar thermal systems. For the right controller setting and safe system operation it is recommended to study the User Guide first and follow the instructions, respecting the real state of the installed equipment! |
| ⚠ | Prior to commissioning the Controller please check that your solar thermal system is filled with solar fluid, properly air-bled and nothing hinders the flow of solar fluid through the system! |
| ❗ | Selection in the separate steps is made by UP and DOWN keys and confirmed by the ENTER key. The ESC key permits returning to the previous screen.<br>The menu can be entered by pressing the ENTER key on the initial screen with the system diagram. |

## Selection of Language (Menu 10. Jazyk)

First of all use menu 10. Jazyk (czech for Language) to select your preferred language of the SRS1-T controller. You can choose between major european languages.

## Selection of the Hydraulic Variant (Menu 7.1. Program Selection)

Use menu 7.1. Program selection (7. Special functions -> 7.1. Program selection) to select the hydraulic variant that corresponds to the hydraulic connection of your solar thermal system and confirm by pressing ENTER.

## Basic settings of the Controller (menu 5. Settings)

Basic values for the Controller shall be preset in menu 5. Settings.

| | |
|---|---|
| ⚠ | For the right controller setting and safe system operation it is recommended to study the User Guide first and follow the instructions, respecting the real state of the installed equipment! |

### Maximum temperature of solar tank (Tmax S2)

Select the maximum temperature of solar tank to switch off solar pump.

If there is a load/antiscald valve (TSV/TV) installed in your system, under certain conditions you may set the temperature as high as 90 °C, otherwise max. 60 °C shall be set (default value). Never set a higher temperature than the maximum permitted tank temperature!

For pool heating (hydraulic variant 6) under no circumstances a temperature higher than 40 °C shall be set.

| | |
|---|---|
| ⚠ | If an improper temperature is set, there is a risk of damage to the solar thermal system or even serious injuries to users in extreme cases! |

**R E G U L U S spol. s r.o.**
Do Koutů 1897/3, 143 00 Praha 4
Tel.: +420 241 764 506
E-mail: info@regulus.cz
**www.regulus.cz**

## Switch on/off difference for solar pump (ΔT sol)

Select the difference between sensors S1 (collector) and S2 (storage tank) for switching on/off the solar pump. The default values (ΔT sol on = 10 K, ΔT sol off = 3 K) are suitable for most solar thermal systems.

## Switch on/off temperatures for auxiliary source (T for R1)

This item is available only in variants 1 and 2 (hydraulic variants with an aux. heat source).

Select the switch on/off temperature of the auxiliary heat source. For common solar thermal systems with DHW heating it is recommended to keep the default setting (50 °C / 60 °C).

If improper temperatures are set, it may lead to inefficient operation, damage to DHW heating system, or even serious injuries to users in extreme cases!