# TARUS**STRING**
Data sheet

## Brief description:

For control and regulation of single-pipe heating systems. Also suitable for all separate hydraulic supply and return lines. Can be used in combination with Avalon and Avalon Combo radiator thermostat. Installation in the flow line with the Tarus valve body 1" AG, included in the scope of delivery. blossom-ic radio and app technology.

# Functions & Description

Tarus String control unit, for controlling single-pipe heating systems simply and conveniently using the blossom-ic radio and app technology.

# Properties

•❯ For control and regulation of single-pipe heating systems. Also suitable for all separate hydraulic supply and return lines

•❯ Economic functions

•❯ 2.4GHz wireless communication and control

•❯ Even in the event of an Internet failure, the thermostats can still communicate with each other, only control via App is not possible

•❯ In conjunction with GT-100 Gateway for the internet connection

•❯ Data protection: All data is stored exclusively in your personal gateway

•❯ Simple and convenient to use and to install

•❯ Up to 8 Avalon and Avalon Combo can be controlled  by one actuator

# Scope of application

•❯ Tarus String in combination with Avalon and Avalon Combo radiator thermostats.

•❯ Gateway GT-100: For controlling the Tarus String control unit via the Internet, simply and conveniently using the blossomic app. Suitable for all smartphones and tablets with iOS and Android.

# Technical data

## Technical data - Tarus String Controller Unit

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|---|---|
| •❯ Set point range | **6 ~ 30°C** |
| •❯ Ambient temperature | **0 ~ 50°C** |
| •❯ Ambient humidity | **max. 90% (non-condensing)** |
| •❯ Mains voltage | **230 V AC / 50Hz** |
| •❯ Dimension | **L55 x B170 x H190 (mm)** |
| •❯ Wireless frequency | **2.4GHz, ISM band, 16 channels** |
| •❯ Protection class/type | **IP 30** |
| •❯ RF-Test | **R&TTE Directive 1999/5/EC** |
| •❯ CE | **available** |
| •❯ RoHs | **available** |
| •❯ Antenna type | **PCB antenna** |

**High frequency communication:**

•❯ blossom-ic RF : 2.4GHz, ISM band, 16 channels.

**Technical data valve**

•❯ 1" connection with two external threads

•❯ Version M30 x 1.5

•❯ Range: up to 50m in buildings

•❯ Technology blossom-ic RF: 2.4-GHz wireless with 250kbps. Offset quadrature, data in 5.0-MHz- channels

# blossom-ic

intelligent controls