



TRTC5(-D)

Temperature transmitters
for Modbus communication

Room transmitters for measuring temperature in indoor environments.

- ✓ Output signal Modbus
- ✓ Temperature, 0...50°C
- ✓ Good long-term stability
- ✓ Modbus communication

Function

Transmitters intended for wall mounting in HVAC systems.

The sensor is mounted in the cover-part of the casing. The cover is easy to detach from the back by means of snap-in grips and detachable terminals. This makes mounting easier. Furthermore, no cables have to be disconnected, simplifying service and replacement.

Supply voltage

The transmitter uses a supply voltage of 24 V AC $\pm 10\%$ or 15...35 V DC. It automatically detects and adapts to the supply voltage connected.

Temperature sensor

The unit has a built-in temperature sensor, working range 0...50°C.

Communication via Modbus

The transmitters communicate via Modbus and are to be integrated into a network.



Models

Model	Description
TRTC5	Temperature transmitter for Modbus communication
TRTC5-D	Temperature transmitter for Modbus communication with display

Technical data

Output signal	Modbus
Supply voltage (U_v)	24 V AC $\pm 10\%$ or 15...35 V DC
Power consumption	< 1 W
Transformer power	2 VA
Electrical connection	Screw terminals max. 1,5 mm ² (AWG 16)
Ambient temperature	0...50°C
Ambient humidity	10...90 % RH non-condensing
Storage temperature	-25...+60°C
Protection class	IP30
Dimensions	100 x 85 x 30.5 mm
Colour	Signal white RAL 9003

CE

This product carries the CE mark. For more information, see www.regincontrols.com.

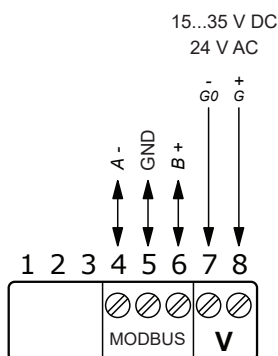
Temperature

Working range	0...50°C
Accuracy at 20°C	$\pm 0.2^\circ\text{C}$

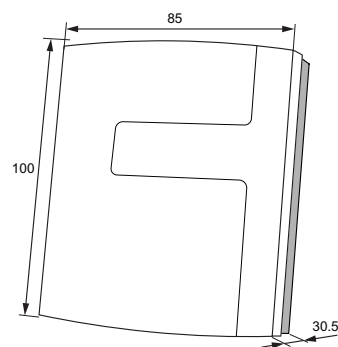
Communication

Type	Modbus RTU
Baud rate	4800, 9600, 19200, 38400 bits/s
Factory settings	
Baud rate	19200 bits/s
Parity	Even
Address of unit	1

Wiring



Dimensions



Measurements in mm

Product documentation

The product documentation can be downloaded from www.regincontrols.com.