



# TRT5(-D)

## Temperature transmitters

Room transmitters for measuring temperature in indoor environments.

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.

### Short facts about TRT5(-D)

- Analogue output signal, 0...10 V
- Temperature, 0...50°C
- Good long-term stability

## Models

Model	Description
TRT5	Temperature transmitter
TRT5-D	Temperature transmitter with display

## Technical data

Output signal	Analogue
Supply voltage ( $U_V$ )	24 V AC $\pm 10\%$ / 15...35 V DC
Power consumption	< 1 W
Transformer power	2 VA
Electrical connection	Screw terminals max. 1.5 mm <sup>2</sup> (AWG 16)
Ambient temperature	0...50°C
Ambient humidity	10...90 % RH non-condensing
Storage temperature	-25...+60°C
Protection class	IP30
Dimensions (WxHxD)	85 x 100 x 30.5 mm

## Temperature

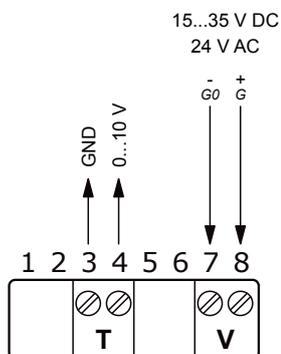
Analogue output 0...50°C	0...10 V, $I_L \leq 1$ mA
Working range	0...50°C
Accuracy at 20°C	$\pm 0.4$ °C



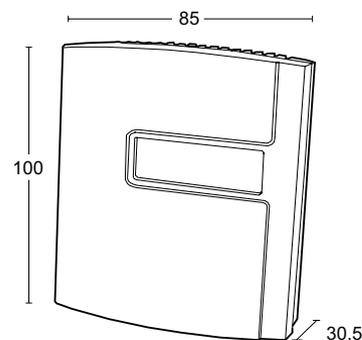
**EMC emissions & immunity standards:** This product conforms to the requirements of the EMC Directive 2004/108/EC through product standards EN 61000-6-1 and EN 61000-6-3.

**RoHS:** This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council.

## Wiring and dimensions



GND and G0 are internally connected.



(Measurements in mm.)

## Product documentation

Document	Type
TRT5(-D)_inst	Instruction for the transmitter range

The document can be downloaded from [www.regincontrols.com](http://www.regincontrols.com).

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