

# TRT5(D)-420

Temperature transmitters



Wall mounted room transmitters for measurement of temperature.

- ✓ Output signal 4...20 mA
- ✓ With or without display
- ✓ Good long-term stability
- ✓ Temperature range 0...50°C
- ✓ Easy installation

## Function

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 which makes mounting easy. Furthermore, no cables have to be disconnected, simplifying service and replacement.

The temperature sensor gives output signal 4...20 mA via the built-in electronics and has a working range of 0...50°C.

The transmitter uses a supply voltage of max. 28 V DC and min.  $11 + (0.02 \times RL)$  V DC. It automatically detects and adapts to the supply voltage connected.

## Appearance

The transmitter comes in a discreet white housing.

The display model (D) has a LCD display showing the temperature.

## Installation

The transmitter should be mounted in a location with good air circulation where it can be expected to give a representative reading. It can be mounted on a wall box or directly on the wall.

## Technical data

<b>Output signal</b>	4...20 mA (2-wire) (T=0...50°C)
<b>Supply voltage</b>	Max 28 V DC, Min $11+(0.02 \times R_L)$ V DC
<b>Power consumption</b>	0.6 W
<b>DC power supply</b>	Min. 1 W
<b>Temperature range</b>	0...50°C
<b>Accuracy, temperature</b>	$\pm 0.5^\circ\text{C}$ at 20 °C
<b>Protection class</b>	IP30
<b>Dimensions</b>	100 x 85 x 30.5 mm

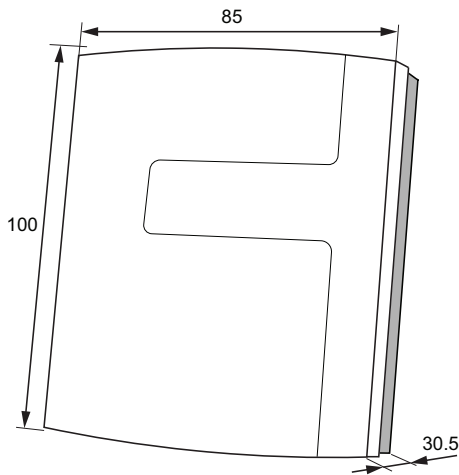
## CE

**Low Voltage Directive (LVD) standards:** This product conforms to the requirements of the European Low Voltage Directive (LVD) 2014/35/EU through product standards EN 60730-1/A16

**Electro Magnetic Compatibility (EMC) standards:** This product conforms to the requirements of the EMC Directive 2014/30/EU through product standards EN 61000-6-1 and 61000-6-3.

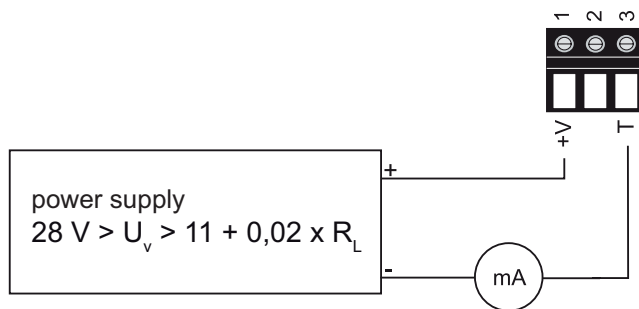
**RoHS:** This product conforms to the Directive 2011/65/EU of the European Parliament and of the Council through standard 50581:2012

## Dimensions



Measurements in mm

## Wiring



## Product documentation

Document	Description
Instruction TRT5(D)-420	Instruction for installation and commissioning of TRT5(D)-420

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