



## TDT200(-420)

Temperature transmitter

*TDT200(-420) is a range of high quality temperature transmitters for duct mounting.*

- ✓ Excellent long-term stability
- ✓ Accuracy +/- 0.5°C at 20°C
- ✓ Output signal 0...10 V DC or 4...20 mA
- ✓ Supply voltage 24 V AC or 15...35 V DC
- ✓ Protection class IP65

### Function

The transmitters are constructed around a temperature element providing a signal proportional to the temperature. The built-in electronics convert the measurement signal to an output signal 0...10 V DC or 4...20 mA.

### Supply voltage

The transmitters can be powered either with 24 V AC or 15...35 V DC (0...10 V models), or 20...35 V DC (4...20 mA models). The transmitters will automatically adapt to the supply voltage.

## Models

Model	Supply voltage	Unit range	Output signal	Measurement method	Mounting
TDT200	24 V AC $\pm$ 20 % or 15...35 V DC	0...50°C	0...10 V DC	3-wire	Duct mounting
TDT200-420	20...35 V DC	0...50°C	4...20 mA	2-wire	Duct mounting

## Technical data

<b>Supply voltage</b>	24 V AC $\pm$ 20 % or 15...35 V DC (0...10 V output signal), alt. 20...35 V DC (4...20 mA output signal)
<b>Output signal</b> TDT200 TDT200-420	0...10 V DC proportionell to measuring range 0...+50°C 4...20 mA
<b>Load impedance</b> TDT200 TDT200-420	Min. 10 k $\Omega$ Max. 500 $\Omega$
<b>Ambient temperature</b>	-5...+50°C
<b>Storage temperature</b>	-20...+70°C
<b>Measurement accuracy</b>	$\pm$ 0.5°C at 20°C
<b>Cable connection</b>	Terminal blocks, max. 1,5 mm
<b>Sensor type</b>	KF6645 class DIN B, IEC 751
<b>Protection class</b>	IP65
<b>Weight</b>	0.25 kg

## CE

**EMC emissions and immunity standards:** This product conforms to the requirements of the EMC Directive 2014/30/EU through product standards EN 61326-1 and EN 61326-2-3.

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

## Dimensions and wiring

