



TEMPERATURE TRANSMITTER

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Overview

- Output Signal 0 - 10 V DC
- Temperature 0...50°C
- Good Long Term Stability



Overview

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.

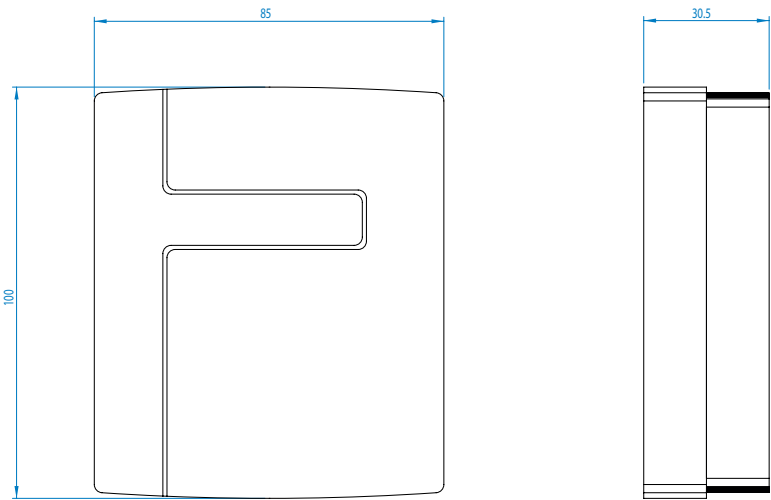
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Technical Data

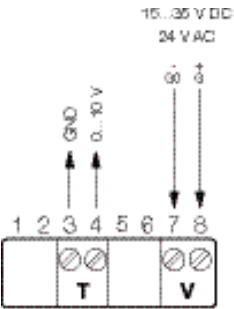
Product Code	Output Signal V	Supply Voltage U_v	Power Consumption W	Transformer Power VA	Electrical Connection mm ²	Ambient Temperature	Ambient Humidity	Storage Temperature	Protection Class
149-DCV-TRT	Analogue	24 V AC $\pm 10\%$ or 15...35 V DC	< 1 W	2	Screw terminals max 1.5 (AWG 16)	0...50°C	10...90 % RH non-condensing	-25 - +60°C	IP30

Analogue Output	Working Range	Accuracy at 20°C
0...10 V, IL < 1 mA	0...50°C	$\pm 0.4^\circ\text{C}$

Dimensions



Wiring Diagram



GND and G0 are internally connected.

This product conforms with the requirements of European EMC standards CENELEC EN 61000-6-1 and EN 61000-6-3 and carries the CE mark.

Elta Fans Limited has a policy of continuous product development and improvement and therefore reserves the right to supply products which may differ from those illustrated and described in this publication. Confirmation of dimensions and data will be supplied on request.

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