

TRANSMITTERS FOR HVAC

EE10-T Series

EE10 room transmitters are the ideal solution for indoor applications such as HVAC in residential and official buildings.

The very stylish, functional housing makes possible easy installation and fast exchange of the sensing unit for service purposes.

The temperature output signal can be active or passive.

For on site display of the measured values the EE10 with active temperature output can be equipped with an easily readable display.

HVAC Temperature Transmitter
for Indoor Applications



Typical Applications

- Building management for residential and office areas
- Switching cabinets
- Climate control in hotels and museums

Features

- Excellent price / performance ratio
- Easiest installation
- Modern design
- Optional display

Technical Data EE10-T

Measuring Quantities

Temperature (Active Output)

Analogue output 0...50°C (32...122°F) ¹⁾	0-10 V 4-20 mA (two wire)	-1mA < I _L < 1mA R _L < (U _v -10)/0.02 < 500 Ohm
Accuracy at 20°C (68°F)	±0.3°C (±0.54°F)	

Temperature (Passive Output)

Type of T-Sensor	please see ordering guide
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General Data

Voltage supply (U _v) for 0 - 10 V for 4 - 20 mA	15 - 40V DC or 24V AC ±20% 28V DC > U _v > 10 + 0.02 x R _L (R _L < 500 Ohm)
Current consumption for DC supply for AC supply	Typical 4 mA Typical 15 mA _{eff}
Electrical connection	Screw terminals max. 1.5mm ² (AWG 16)
Housing / protection class	PC / IP20
Display	only for EE10-Tx version: temperature
CE compatibility according	EN 50081-1 FCC part15 Class B EN 50082-1 ICES-003 Class B CE
Temperature range	Working temperature range: -5...55°C (23...131°F) Working temperature with display: -5...55°C (23...121°F) Storage temperature range: -25...60°C (-13...140°F)