

EE15-T Series

Temperature Transmitters for HVAC Applications

EE15 temperature transmitters are the ideal solution for accurate measurement of temperature in the range 0 ... 50 degC in HVAC applications.

EE15 transmitters are available as wall or duct mounted, with current or voltage output signals. The version EE15-T3x can accommodate a LCD display.



Typical Applications

building-automation
 storage rooms
 climate and ventilation control

Features

excellent price/performance ratio
 long term stability
 optional display

Technical Data

Measuring values

Temperature

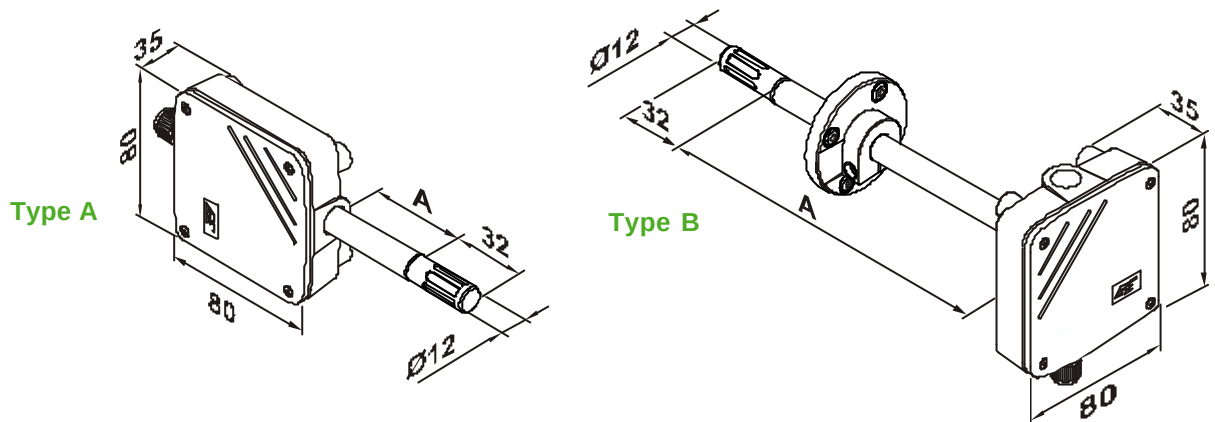
Sensor	Pt1000 (class B, DIN EN 60751)	
Output appropriate 0...50 degC	0-10 V	-1 mA < I _L < 1mA
	4-20 mA (two wire)	R _L < 500 Ohm
Accuracy at 20 degC	±0.5 degC	

General

Supply voltage	for 0 - 10 V	15 - 35 VDC	or	24 VAC ±20%
	for 4 - 20 mA	10V + R _L x 20mA < U _v < 35VDC		
Current consumption	for DC supply	typ. 8 mA		
	for AC supply	typ. 20 mA _{eff}		
Electrical connection	screw terminals max. 1.5 mm ²			
Housing / protection class	Polycarbonat / IP65			
Cable gland	M16x1.5 or connection plug (optional)			
Sensor protection	membrane filter or plastic grid			
Electromagnetic compatibility	EN 50081-1			
	EN 55104			
Temperature range	working temperature	-5 ... +50 degC		
	working temperature with local Display	0 ... +40 degC		
	storage temperature	-25 ... +60 degC		

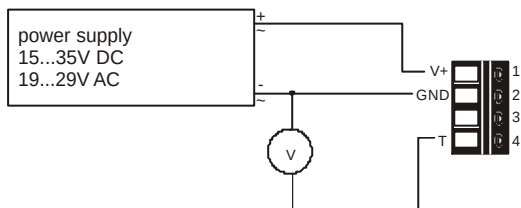


Dimensions (mm)

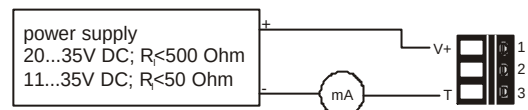


Connection Diagram

EE15-T3xxx



EE15-T6xxx



Ordering Guide

MODEL	OUTPUT	HOUSING	PROBE LENGTH according to "A"	FILTER	DISPLAY only version EE15-T3xxx
temperature (T)	0-10V (3) 4-20 mA (6)	wall mounting (A) duct mounting (B)	50mm (2) 200mm (5)	membrane filter (1) plastic grid (4)	without display (--) with display (D02)
EE15-					

Order Example

EE15-T3A21

model: temperature transmitter
output: 0-10 V
housing: wall mounting
probe length: 50 mm
filter: membrane filter
display: no