



## Room Humidity & Temperature Transmitter

Compatible with DATAcentre, MIDlcentre & Assure24seven

- Economical
- Simple installation
- Modern design
- Long term stability
- LCD display
- 4-20 mA output



EE10 room transmitters are an ideal solution for measuring room environments. The stylish, functional housing makes installation easy and fast exchange of the sensing unit for service purposes is a big plus. The high quality humidity sensor and state of the art microprocessor controlled electronics are the guarantee of best accuracy and the unit comes with a wide range of options.

### Part Numbers:

FOMNEE10-T6-D04 & FOMNEE10-FT6-D04

Technical Data	
Relative Humidity Humidity sensor	HC103
Analogue output 0 to 100 %RH	4-20 mA(two wires) $R_L < (U_v - 10)/0.02 < 500 \text{ Ohm}$
Working range	0 to 95% RH
Accuracy at 20°C and $U_v = 24\text{VDC}$	$\pm 2\% \text{ RH}$ (40 to 60% RH) $\pm 3\% \text{ RH}$ (10 to 90% RH)
Temperature influence at 60%RH	Typical 0.06% RH / °C
Temperature (active output) Analogue output 0 to 50°C	4-20 mA (two wires) $R_L < (U_v - 10)/0.02 < 500$
Accuracy at 20°C and $U = 24\text{VDC}$	$\pm 0.25^\circ\text{C}$ (FT3) $\pm 0.4^\circ\text{C}$ (FT6)
General Data	
Voltage supply ( $U_v$ ) for 4 - 20 mA	$28 > U_v > 10 + 0.02 \times R_L$ ( $R_L < 500 \text{ Ohm}$ )
Current consumption	For DC supply: typical 4 mA For AC supply: typical 15 mA eff.
Electrical connection	Screw terminals max. 1.5mm
CE compatibility according to:	EN 50081-1 EN 50082-1
Temperature ranges	Working temp with display: $-5^\circ\text{C}$ to $55^\circ\text{C}$ Storage temp range: $-25^\circ\text{C}$ to $60^\circ\text{C}$
Dimensions	WxDxH = 85 x 100 x 26
Housing colour	Cover: RAL 9003 (signal white) Back: RAL 7035 (light grey) Housing: PC Protection Class: PC