

EC Follower Node



The EC-Matrix EC follower node allows interfacing with ebm-papst EC fans and communications with the EC-Matrix master controller. The EC node is self configuring and hot swappable, the unit can be added to or removed from existing systems.

The EC-Matrix system can fully control the fan speed between 0 and 100% as well as read back true RPM values of the attached device. In addition to this, the unit comes with either a temperature (NTC) input with a range of 0 to 80°C or a 0-10 volt input. Both of which are fed back to the EC-Matrix master controller.

Part Number	Supply Voltage VDC	Ambient temperature °C	IP Rating	Width mm	Height mm	Length mm
CEC100080MN-001	10	-10...+70	20	58	46	15
TBC (DIN Box)	10	-10...+70	20	110	62	35

- NodeBus interface

Connection Table	
P	NTC Temperature Input
Q	0 Volt reference input
Y	0-10 Volt output to fan (Control)
W	Tacho feedback
R	+ Supply
B	- Supply (0V)

