

# DCP Follower Node



The EC-Matrix DCP follower node allows interfacing with ebm-papst 4 wire PWM controllable DC fans and communications with the EC-Matrix master controller. The node is self configurable and hot swappable, the units can be added to or removed from existing systems.

The EC-Matrix system can fully control the fan speed between 0-100% 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 0-10volt input. Both of which are fed back to the EC-Matrix master controller.

	Supply Voltage	Ambient temperature	IP Rating	Width	Height	Length
Part Number	VDC	°C		mm	mm	mm
CPC480080UN-000	12-48	-10...+70	20	58	46	15
TBC (DIN Box)	12-48	-10...+70	20	110	62	35

- NodeBus interface

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

