

# A2P Interface

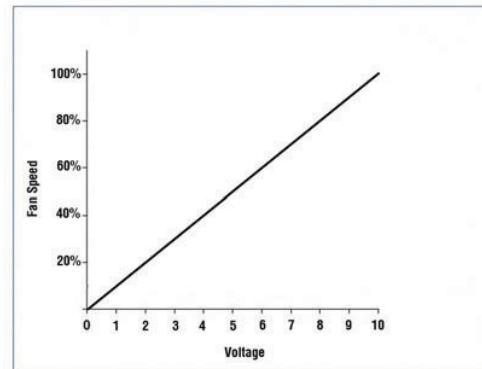


The A2P interface is a 0-10 volt to PWM converter and is designed to work with ebm-papst 4 wire PWM controlled DC fans. The interface translates the analogue voltage input to an equivalent PWM signal. The interface is matched to the fan so that with its very low power consumption, there is no need for a separate dedicated power supply.

	DC Voltage	Supply Voltage	Ambient Temperature	Max Humidity	Output Duty	Width	Height	Depth	
Part Number	V	VDC	°C	% RH	%	mm	mm	mm	
CPC48W10UN-000	0-10	12-48	-20...+75	90	0-100	45	56.5	8	

DC-Management

- Compatible 0-10 volt input
- Consumes <1mA
- Wide operating supply voltage
- Rugged over-moulded construction



Connection Table	
P	0-10 Volt input
Q	0 Volt reference input
Y	PWM control output
W	No Connection
R	+ Supply (12-48Vdc)
B	- Supply (0V)

