

Speed setting

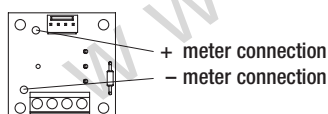
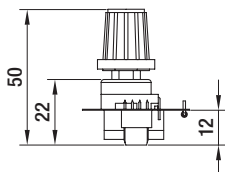
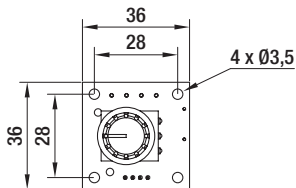
without housing



- **Design:** The speed setting can be operated with the entire range of ebm-papst EC fans. It is supplied with current via the fan's DC output and supplies a 0-10 V signal that allows infinitely variable open loop speed control. The control also permits fan speed measurement using a multimeter equipped with a frequency meter (for which a tach output is given from the fan).
- **Mounting hole:** 10 mm

Nominal data	Supply voltage	Max. current draw	Resistance	Perm. amb. temp.	Mass
Type	VDC	mA	kΩ	°C	kg
CLC 000-AD04 -01	10	1.1	0-10 Lin	50	0.05

subject to alterations



- **Speed measurement:** Connect a frequency meter to the connection points (labelled + and -) on the PCB board. The fan outputs 1 pulse per revolution, so that the measured frequency can be converted into rpm using the following equation:

$$\text{rpm} = \text{frequency (Hz)} \times 60$$
- **Comment:**
 - A single controller can be used to control multiple fans with the same speed setting.
 - The connection to the controller is made using four screw connections or one Molex connection (adaptor lead available).
 - If the tach cable is required, this device can only be connected to a fan. Note that in rare operating cases, it is possible that permanent connection of the tach cable can cause a slight decrease in the maximum speed.

– Electr.
connection:

