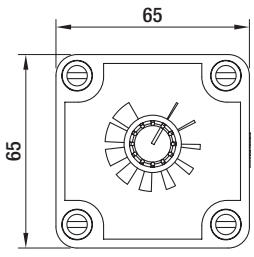
Speed setting

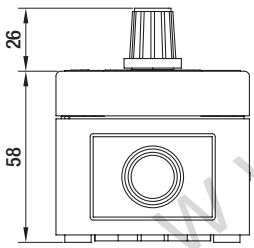
with housing

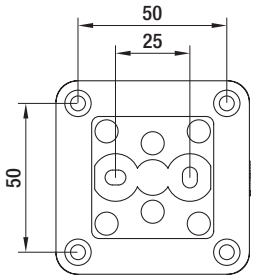
- **Material:** Housing made of plastic
- **Type of protection:** IP 54
- **Design:** The speed setting can be operated with the entire range of ebm-papst EC fans. It is supplied with current via the fan's DC output and supplies a 0-10 V signal that allows infinitely variable open loop speed control. 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).
- **Cable inputs:** 4 x M16 or M20
- **Mounting holes:** Suitable for 4 mm mounts

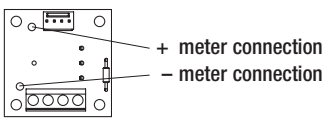
Nominal data	Supply voltage	Max. current draw	Resistance	Perm. amb. temp.	Mass
Type	**VDC**	**mA**	**kΩ**	**°C**	**kg**
CLC 000-AE04 -01	10	1.1	0-10 Lin	50	0.10

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: rpm = frequency (Hz) x 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:**