

Signal adapter analogue — PWM

Brief description

- signal converter for adapting control signals of external control units to fans with PWM control input
- simple top-hat rail mounting
- direct connection of fan or e-motor
- parallel connection of more than one fan/e-motor not featured

Technical Data

- operating voltage 18 - 56 VDC
- input signal: 0 - 10V or 4 - 20mA
- output signal: PWM (depending on specification)
- PWM frequency 2 KHz
- PWM output sink current max. 30 mA
- permissible ambient temperature 0°C ... +60°C (0°F ... 140°F)
- nominal current of directly connected fan/e-motor max. 5A
- top hat rail mounting to 35 mm mounting rail according to EN 60 715
- protection class IP 20

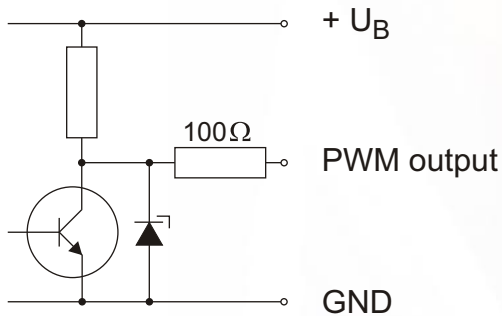
Terminal assignment

- 1 operating voltage $+U_B$
- 2 not used
- 3 ground (GND)
- 4 input 4 - 20mA
- 5 input 0 - 10V
- 6 ground (GND)
- 7 output $+U_B$
- 8 ground (GND)
- 9 output PWM



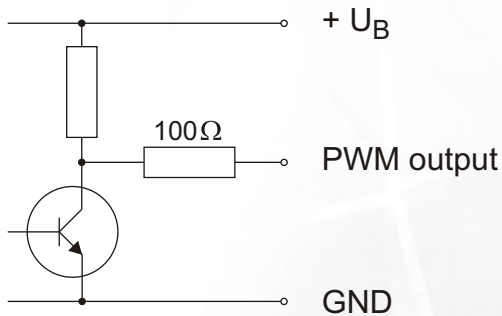
Specifications of PWM interfaces

version 1: pull up resistor and signal limitation to 12 V



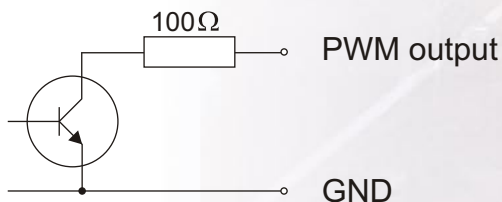
type: **CEW.0005.E.2.3A** order no.: 111508

version 2: pull up resistor on U_B



type: **CEW.0006.E.2.3A** order no.: 111509

version 3: open collector



type: **CEW.0007.E.2.3A** order no.: 111510