19 November 2026

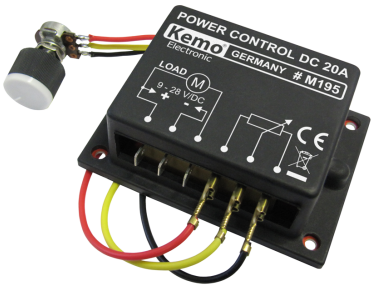
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M195 - PWM Power control 9 - 28 V/DC, max. 20 A



Power controller for controlling DC loads (DC motors, light bulbs, heaters, LEDs with current limiting resistors, etc.) The use of PWM (pulse width) control works well even with electric motors running at low RPM. Switching frequency: approx. 300 - 600 Hz (for motors, a humming noise may be heard). The control is via the supplied potentiometer or optional with an external control voltage 0 to 5 V/DC.

Technical Data:
Operating voltage: 9 - 28 V/DC
Max. current carrying capacity: 20 A (if the module is screwed on a cooling plate)
Control range: approx. 0% to 100%
Control mode: PWM pulse width modulation with a frequency between 300 - 600 Hz
Potentiometer: 4,7 k lin (enclosed)
Permissible loads: direct current motors, incandescent lamps, heatings, LEDs with protective resistors. Current consumption up to max. 20 A in each case.
Dimensions: approx. 87 x 60 x 33 mm (with mounting bottom)