

8-channel pulse width output

μCAN.8.pwm-BOX

8- channel pulse width modulation output

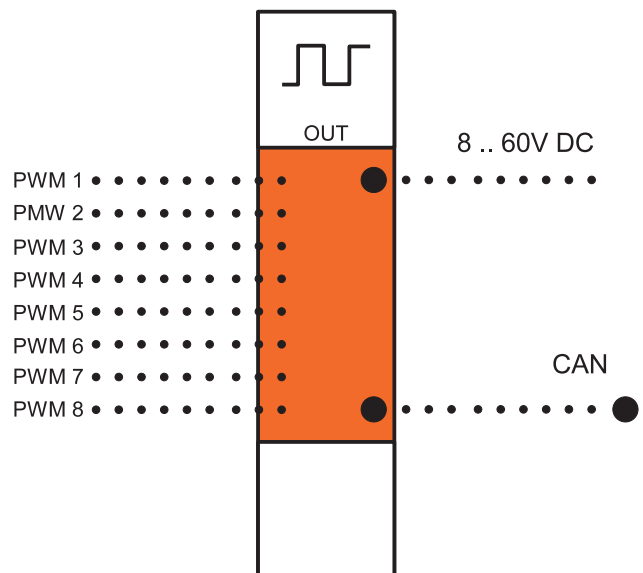
The μCAN.8.pwm-BOX component at its 8 outputs provides pulse width modulated signals (PWM) within the range of 0% to 100% for controlling of actuators (valves etc.).

The outlets are overload and short circuit protected. The μCAN.8.pwm-BOX is connected with the central control unit via the CAN-interface.



Features

- 8 PWM outputs
- Maximum load per output 1.4 A
- Protocol: CANopen CiA 401
- LEDs for system status and error indication
- 3-conductor plugs
- Output voltage from 5 .. 50 V



Technical Data	8-channel pulse width output μ CAN.8.pwm-BOX
Number of channels	8 PWM
Power supply voltage	8...60 V DC, reverse polarity protected
Power consumption	1.5 W (60 mA @ 24 V DC) no-load operation
Potential isolation	Fieldbus/control voltage.:500 Veff
Operating Temperature	-40°C...+ 85°C (others on request)
Transfer rate	10 kBit/sec to 1 MBit/sec
Protocol	CANopen CiA 401
Number of PDO (CANopen)	2 receive PDO
Configuration	In-/output mode via fieldbus Bit rate and module address via DIP-switches
Status indicator	2 bi-color LEDs for module status information 8 bi-color LEDs for in-/outputs
Outputs	no galvanic isolation of outputs, long-term short-circuit-protection, max. output current per output 1.4 A (total current over all outputs up to. 6A), overload and short-circuit detection / 5..50V DC
Base frequency	25 Hz ... 5 kHz
Duty cycle	0.0%-100.0%
Resolution	0.5%
Protection Class	IP 66
Casing	Die-cast aluminium 125x80x57mm (LxWxH)
EMC	EN 50082 compliant

Order Number	Description
12.87.005	μ CAN.8.pwm-BOX / Low-Side-Driver 8-channel pulse width output module with CANopen, designed for metric cable glands, connection via spring-cage connectors, Low-side driver.
12.87.006	μ CAN.8.pwm-BOX / High-Side-Driver 8-channel pulse width output module with CANopen, designed for metric cable glands, connection via spring-cage connectors, High-side driver.
90.01.115	Metric cable installation kit for 8-channel field modules.