

MicroControl
Systemhaus für Automatisierung

8-channel pulse width output

µCAN.8.pwm-SNAP

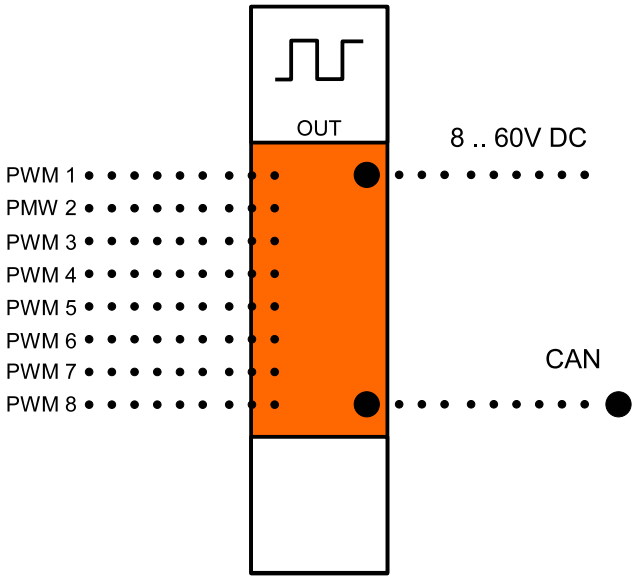
8-channel pulse width modulation output

The µCAN.8.pwm-SNAP can emit up to 8 binary, pulse width modulated (pwm) signals.

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

Features

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



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Technical Data	8-channel pulse width output CAN.8.pwm-SNAP
Number of channels	8 PWM
Power supply voltage	8...60 V DC, polarity protected
Power consumption	1,5 W (60mA @ 24V DC) no-load operation
Potential isolation	Fieldbus/control voltage: 500Veff
Operating temperature	-40°C...+85°C (others upon request)
Transfer rate	10kBit/sec up to 1MBit/sec
Protocol	CANopen CiA 401 (CAN 2.0A and 2.0B)
Number of PDOs (CANopen)	1 transmit PDO / 2 receive PDOs
Configuration	In- / output mode via field bus Baudrate and module address via DIP-switches
Status indicator	1 bi-color LED for module status information
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	IP20
Housing	DIN-rail housing 22,5 x 114,5 x 99,0 mm (W x D x H)
EMC	EN 50082 compliant

Order number	Description
10.87.002	µCAN.8.pwm-SNAP / Low-Side-Driver 8-channel pulse width output with CANopen, **without galvanic isolation**, configured for DIN-rail mounting, connection via screw clamps, **Low-Side-Driver**
10.87.003	µCAN.8.pwm-SNAP / High-Side-Driver 8-channel pulse width output with CANopen, **without galvanic isolation**, configured for DIN-rail mounting, connection via screw clamps, **High-Side-Driver**
10.87.004	µCAN.8.pwm-SNAP / High-Side-Driver 8-channel pulse width output with CANopen, **with galvanic isolation**, configured for DIN-rail mounting, connection via screw clamps, **High-Side-Driver**