MicroControl
Systemhaus für Automatisierung

8-channel Digital Signal-Processing

µCAN.8.dio-SNAP

8-channel digital input and output module

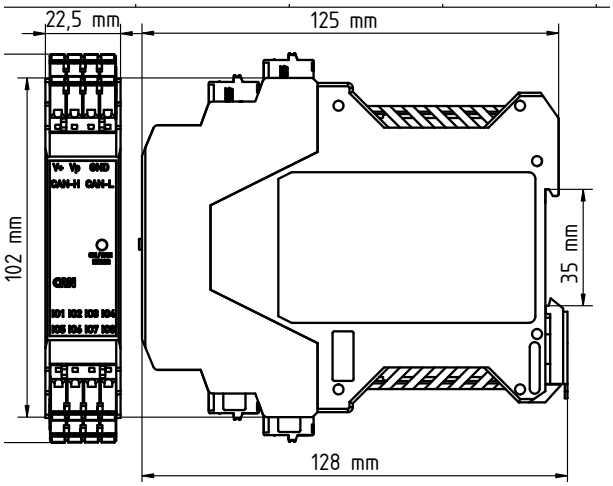
The **µCAN.8.dio-SNAP** is designed for universal digital signal processing.

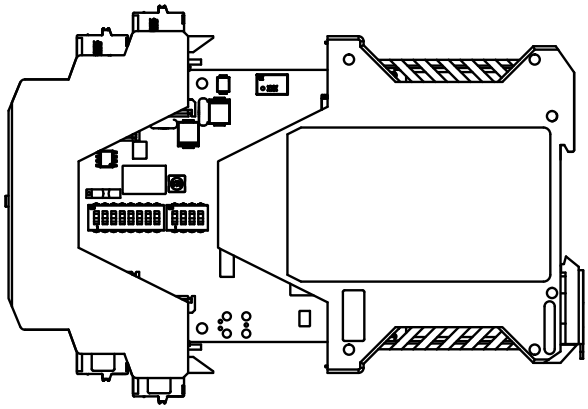
The 8 connectors can be programmed as any combination of digital inputs or outputs.

The µCAN.8.dio-SNAP can be connected to the central control unit via the CAN bus.

- Input or output freely configurable
- Each output to be charged with max. 1 A
- Output driver can be supplied separately
- variable switching threshold for inputs

Eigenschaften





Order ID	Description
10.86.063	µCAN.8.dio-SNAP / no galv. Isolation 8-channel digital input / output module, no galvanic isolation of the CAN bus. Connection via push-in connectors. Designed for DIN-rail mounting. Fieldbus: CAN / CAN FD. Protocols: CANopen / CANopen FD / J1939.
10.86.064	µCAN.8.dio-SNAP / galv. Isolation 8-channel digital input / output module, with galvanic isolation of the CAN bus. Connection via push-in connectors. Designed for DIN-rail mounting. Fieldbus: CAN / CAN FD. Protocols: CANopen / CANopen FD / J1939.

Technical data	Digital Signal-Processing µCAN.8.dio-SNAP
Power supply	
Power supply voltage	9 V DC .. 36 V DC, reverse polarity protected
Power consumption	max. 0,7 W
Current consumption	max. 30 mA @ 24 V DC
Operating temperature	-40 °C to +85 °C
Status Indicator	1 bi-color LEDs for module status information
Communication	
Interface	CAN, CAN FD
Protocols	CANopen, CANopen FD, J1939
Bit rate CANopen CC	50, 100, 125, 250, 500, 800, 1000 kBit/s
Bit rate CANopen FD	250/1000, 250/2000, 500/2000, 1000/4000 kBit/s
Bit rate J1939	250, 500 kBit/s
Construction	
Housing	DIN rail casing
Protection class	IP20
Dimension (W x D x H)	22.5 x 128.8 x 102.0 mm (without connectors)
Weight	125 g
Installation type	DIN rail, 35 mm
Digital output	
Output Voltage	5 V ... 36 V, defined by Vp
Output current	nominal 1 A, short circuit protection
Output delay	10 µs (no load)
Driver type	High-side to Vp
Digital input	
Input impedance	36 kΩ
Polling time	1 ms
Switching threshold	adjustable, absolute or relative to Vp