

4-channel analogue output

μCAN.4.ao-BOX

4- channel analogue output for current and voltage signals with 16-bit resolution

The decentralised analogue output module **μCAN.4.ao-BOX** is configured for output of up to four analogue signals. The module is in protection class IP66.

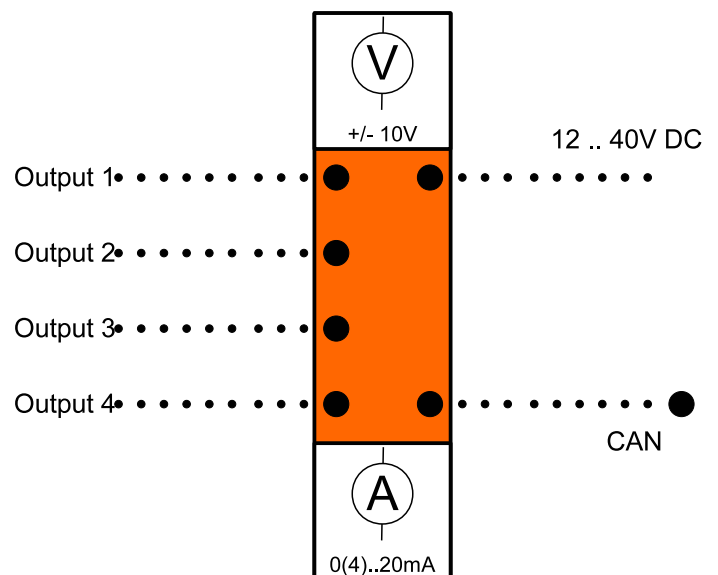
The **μCAN.4.ao-BOX** can be installed directly in the field and analogue signals are, therefore, supplied on the spot.

The module communicates with the superordinate system via CAN-interface.



Features

- Output of up to 4 analogue signals with 16-bit resolution, for standard signals ± 10 V, 0-20 mA and 4-20 mA
- Protocol: CANopen CiA 404
- Implementation of customized protocols possible
- Indication of device status and errors via two LEDs



Technical Data	Analogue output μCAN.4.ao-BOX
Number of channels	4
Power supply voltage	14...40 V DC, reverse polarity protected
Power consumption	2 W (84 mA @ 24 V DC)
Electrical isolation	Channels/control voltage: 500 Veff, 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 404 / CAN 2.0A and 2.0B / others on request
Number of PDOs (CANopen)	2 transmit PDOs
Configuration	Sensor type via field bus Bit rate and module address via DIP-switches
Status display	2 bi-colour LED flashing indicators for status information
Protection Class	IP 66
Casing	Die-cast aluminium 125x80x57mm (LxWxH)
EMC	EN 50082 compliant
Resolution / conversion time	16-bit / 20 μ s for 4 inputs
Signal Type / Input Error @23°C ambient temperature	+/-10 V DC, 0-20 mA, 4-20 mA accuracy 0.05 % v.E.

Order Number	Description
12.42.004	μ CAN.4.ao-BOX 4-channel analogue output module with CANopen, 16-bit resolution, designed for metric cable glands, connection via screw terminals
90.01.114	Metric cable installation kit for 4-channel modules