

CAN-CBM-AO4

4 Analog Outputs



- low-cost compact CAN modules
- minimum effort in wiring
- 4 analog outputs with 12 bits resolution

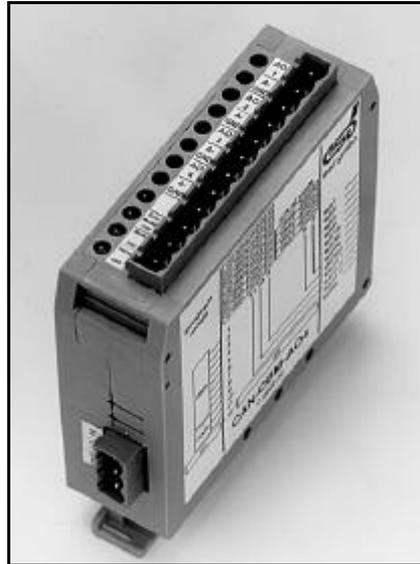
Industrial-compliant Design

The analog outputs are connected via C-clamps (COMBICON), which guarantee a simple and safe handling with low costs via the terminal block. The analog outputs are controlled by the processor of the I/O unit by means of several serial digital/analog converters.

The outputs can either be controlled via SDO (Service Data Object) or PDO (Process Data Object).

CAN Bus

The electrically isolated physical CAN layer is ISO 11898-compliant and allows data-transfer rates of up to 1Mbit/s. It is connected via screw/plug connectors.

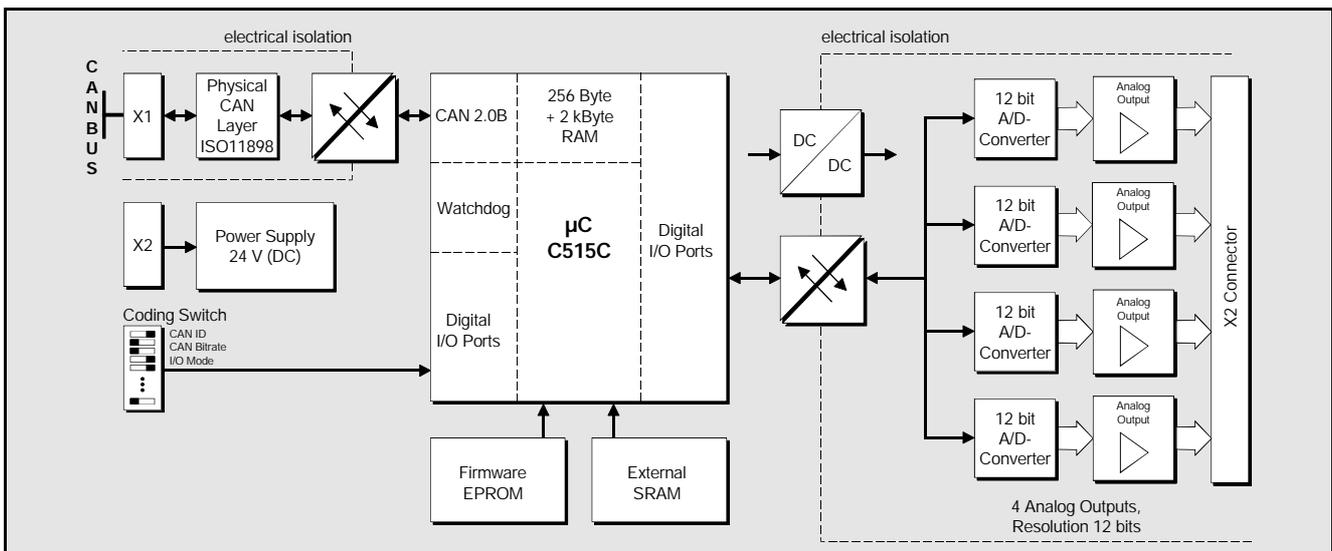


Intelligent Micro Controller

The CBM-AO4 module has got a SAB80C515C micro controller with integrated CAN-2.0B interface and firmware EPROM. An external EEPROM is available to store the module configuration.

CAN Protocols

According to standard the CANbloc-Mini module operates with CANopen in accordance with CiA-DS401.



Technical Specifications:

Analog Outputs:

Number:	4
Specification:	resolution: 12 bits output ranges: 0...10 V, ±10 V
Control:	via SDO (Service Data Object) or PDO (Process Data Object)

CAN:

CAN controller:	SAB80C515C
CAN interface:	differential, electrically isolated, ISO11898, 1 Mbit/s (max. 10 m cable length), 500 kbit/s (max. 80 m cable length)
Protocol:	CANopen

General:

Ambient temperature:	0...50 /C
Operating voltage U_s :	+18 ...30 VDC
Case dimensions:	25 mm x 79 mm x 91 mm DIN-EN carrier rail mounting

Order information:

Designation		order no.
CAN-CBM-AO4	CANbloc-Mini module 4 analog outputs, CANopen	C.2832.02
CAN-CBM-Cable	manufactured CAN cable for CBM modules, length: 0.3 m, Combicon to DSUB-9 male	C.1323.03
CAN-CBM-AO4-ME	English user's manual	C.2832.21