CAN-IO Module CIO

Special Features

- CAN-IO module for industrial applications
- 8 digital outputs 24 V
- Analog voltage and current inputs in different combinations available
- Analog voltage inputs useable as digital inputs
- Easy integration in CANopen systems
- ISO 11898-2 (CAN high speed) compatible physical layer
- 24 V or 12 V nominal power supply
- Galvanic decoupling of CAN transceiver
- Extended temperature range
- Compact size

Description

CIO is a versatile I/O module for the CAN bus. Designed for industrial series applications it has a robust and cost efficient layout. CIO supports eight digital 24 V / 500 mA output and eight analog input channels. The inputs are split in 0-10 V voltage and 0-25 mA current inputs. The voltage inputs may be used as digital inputs as well. Four of the eight output channels can be configured for PWM output.
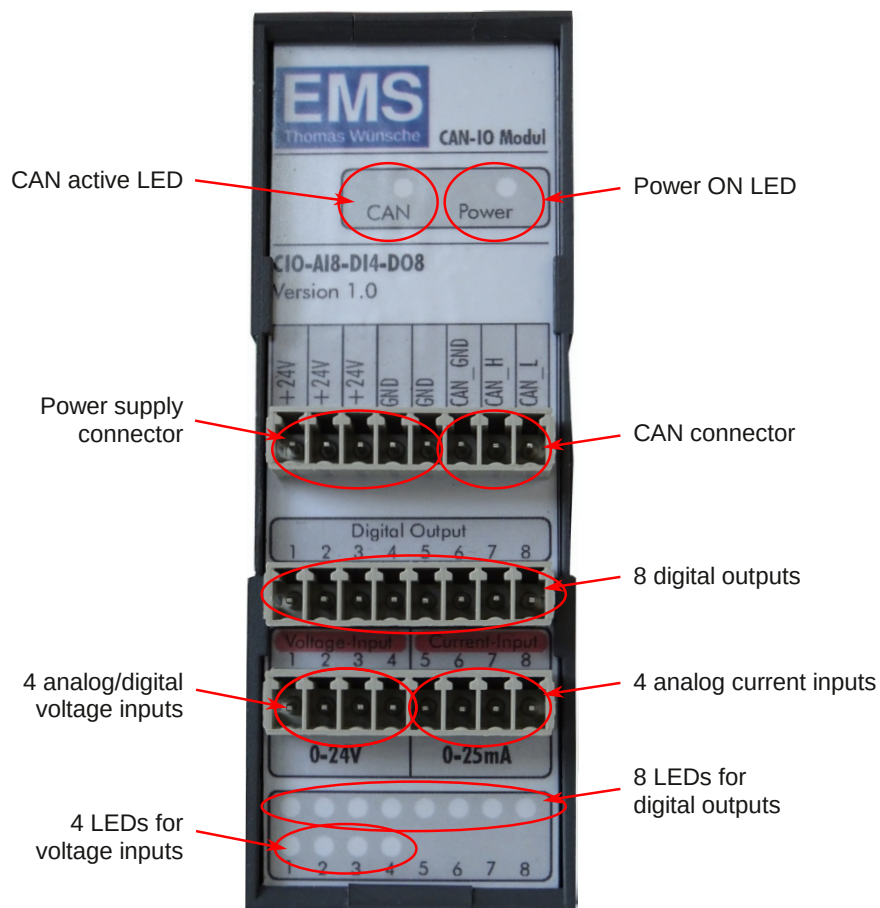
CIO is configured by read and write accesses to registers. Configuration is stored permanently in an EEPROM. Different modules in the same net are addressed by their module ID which is assigned by the user. A module with an unknown ID or with an unknown set baud rate can be reset to default by a special mechanism.

For integration in CANopen systems, CIO may produce a startup message and the module reacts to start node and enter preoperational commands.

Available Products

CIO-AI8/10V-DI4-DO8	CAN-IO module with 4 analog voltage inputs (0-10 V) useable as digital inputs, 4 analog current inputs (0-25 mA) and 8 digital outputs
CIO-AI8/10V-DI8-DO8	CAN-IO module with 8 analog voltage inputs (0-10 V) useable as digital inputs and 8 digital outputs
CIO-AI8-DO8	CAN-IO module with 8 analog current inputs (0-25 mA) and 8 digital outputs
CIO-AI8/24V-DI4-DO8	CAN-IO module with 4 analog voltage inputs (0-24 V) useable as digital inputs, 4 analog current inputs (0-25 mA) and 8 digital outputs
CIO-AI8/24V-DI8-DO8	CAN-IO module with 8 analog voltage inputs (0-24 V) useable as digital inputs and 8 digital outputs

Connectors and Indicators of CIO-AI8/10V-DI4-DO8

Scope of Delivery

• CAN-IO module CIO
• User manual