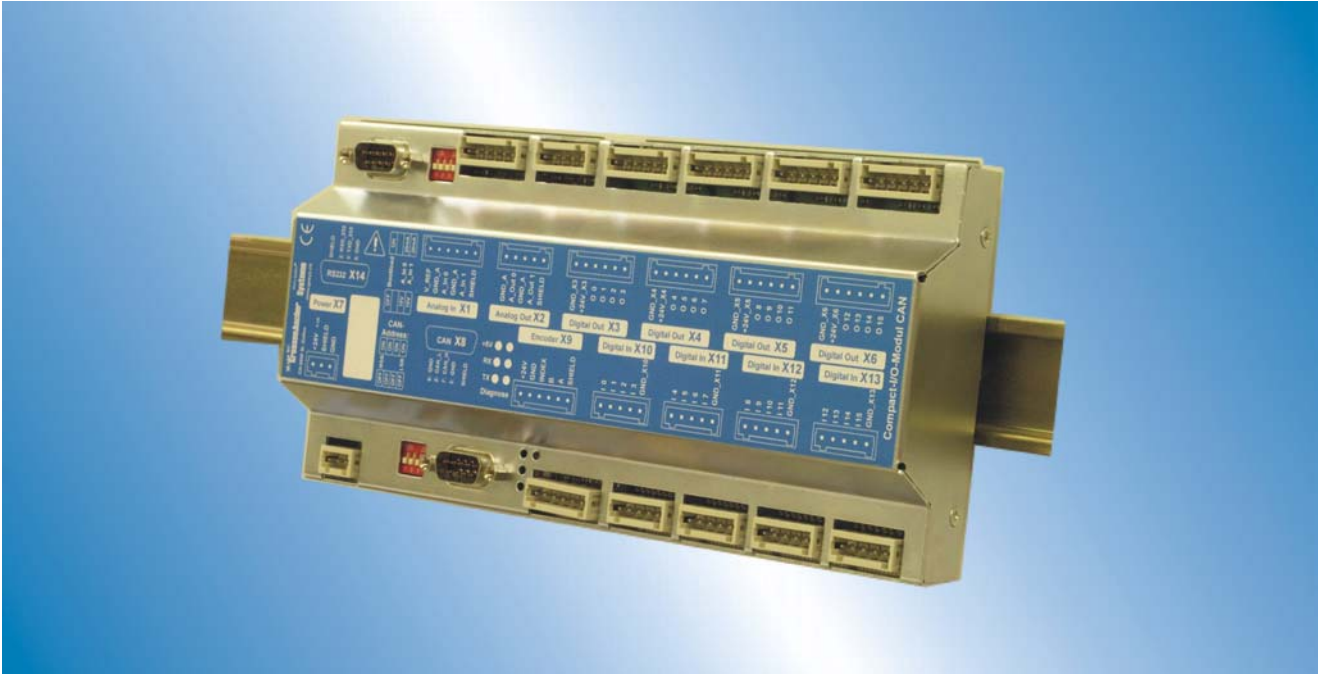


CIO-CAN (Compact-I/O-Modul with CAN)



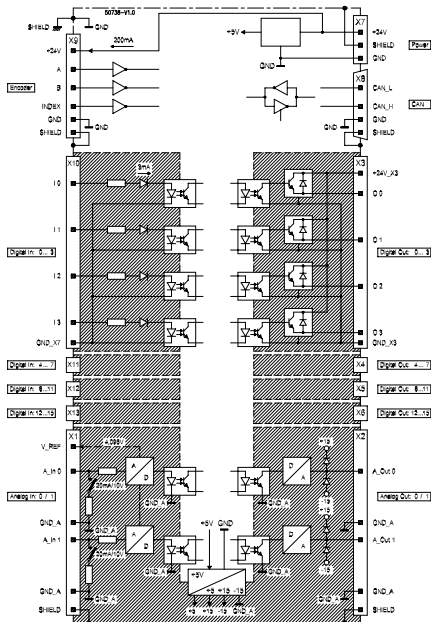
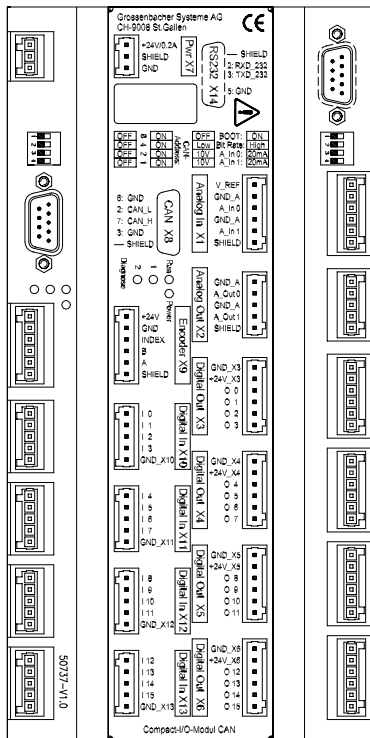
- **communicative: 1 CAN-interface**
- **digital: 16 galvanically isolated in-/outputs**
- **powerful: digital output current up to 1.9A**
- **analog: 2 galvanically isolated in-/outputs**
- **step-by-step: input for 1 incremental encoder**
- **extremely robust: metal housing**
- **slim: low installation height**

The **CIO-CAN module** of the Compact-I/O product line is impressive, at it is compact and robust at the same time. With its low installation height, even under limited installation space conditions, decentralized sensors and actuators may be integrated into the control and communication network over a single CAN-connection. This step extremely reduces wiring and increases stability, particular in the aspect of the rising popularity of a modular machine design.

Compared with common modular I/O modules the big advantage of CIO-CAN are the pluggable cable connections. Hence prefabricated and pretested cables make it easy to connect decentralized sensors and actuators, forcing wiring errors into the past.

All these advantages sum up to a very attractive price-/performance relationship for decentralized I/O modules "made by Grossenbacher".

Technical Data



| | |
|-----------------------------|---|
| CAN-Interface | |
| baud-rate | 125/500kBit, switchable |
| configuration | Choose node number between 1..16 |
| Analog Input | |
| number / resolution | 2 / 12Bit |
| voltage / current mode | 0...10VDC / 0...20mA |
| galvanic isolation | Yes, but not among input connectors |
| short circuit proof | Yes |
| Analog Output | |
| number / resolution | 2 / 12Bit |
| output voltage | -10...+10VDC |
| galvanic isolation | Yes, but not among output connectors |
| short circuit proof | Yes |
| Digital Input | |
| number / input voltage | 16 / max. 40VDC |
| galvanic isolation | Yes |
| reverse voltage protection | Yes |
| Digital Output | |
| number / input voltage | 16 / 24VDC (18.5VDC...30.2VDC) |
| output current p. channel | max.1.9/1.4/1.0A if 1/2/4 channels are active |
| galvanic isolation | Yes |
| short circuit proof | Yes |
| reverse voltage protection | Yes |
| input monitoring | Yes |
| exc. temperatur monitoring | Yes |
| Encoder Input | |
| number | 1 |
| signals | A, B, zero-marker |
| max. input frequency | 50kHz |
| max. input voltage | 40VDC |
| galvanic isolation | No |
| reverse voltage protection | Yes |
| encoder output | Push-Pull |
| Power Supply | |
| rated value / max. interval | 24VDC SELV / 20.4..28.8VDC eff. |
| current/power consumption | 325mA@24V, Max 8W |
| reverse voltage protection | Yes |
| Climate | |
| operation climate | 0..60°C/10..90% rel. humidity, non-condensing |
| storage climate | -20..70°C/10..90% rel. humidity, non-condensing |
| General Data | |
| EMC classes | EN 61000-6-2 / EN 61000-6-3 |
| standards | CE-conformity |
| degree of protection | IP20 |
| Dimensions | |
| W x H x T / weight | 223 x 112 x 44mm / ca. 0.7kg |
| Ordering information | |
| CIO-CAN-000 | 50 81 344 |