



SYS TEC ELECTRONIC

CANopen®



OUR PRODUCT PORTFOLIO

CANopen IO modules

Compact & Cost-Effective Modules for Diverse Application Scenarios

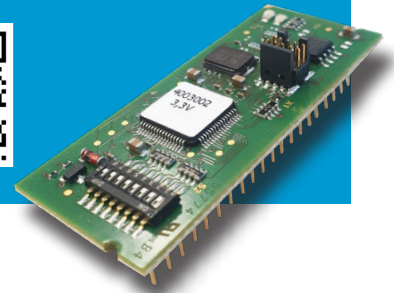
Our sysWORXX CANopen IO modules are the link for compact and cost-efficient networking of analog and digital I/O signals via the CAN bus. The modules' high-quality electronics enable convenient connection of a wide range of sensors and actuators. Extensive diagnostic functions ensure reliable and safe operation. Integrated in a robust housing, the electronics are protected from external influences. The robust design of the modules enables directly at the signal source.

Our sysWORXX CANopen IO modules are used where reliable sensors and actuators must function under demanding conditions:

- construction cranes and road building machines
- off-road vehicles and heavy-duty trucks
- wind and solar thermal power plants
- agricultural commercial vehicles



Looking for an individual solution? sysWORXX CoC-100 (CANopenChip-100) as basis for your specific CANopen IO modules



OUR IO MODULE FAMILY



sysWORXX CANopen IO-X1

16 DI / 8 DO

Digital inputs 24 VDC: 16 (galvanically isolated in groups of 4 channels each)
Digital outputs 24VDC, 0.5 A: 8 (high side switch, short circuit proof)
Operating voltage: 24V ± 20%
CANopen device profile: CiA 401, CiA 301, CiA 303-3 CAN bus termination via jumper

[More details](#)



sysWORXX CANopen IO-X2

24 DI

Digital inputs 24 VDC: 24 (galvanically isolated in groups of 4 channels each)
Operating voltage: 24V ± 20%
CANopen device profile: CiA 401, CiA 301, CiA 303-3 CAN bus termination via jumper

[More details](#)



sysWORXX CANopen IO-X3

24 DO

Digital outputs 24 VDC, 0.5 A (high side switch, short circuit proof)
Operating voltage: 24V ± 20%
CANopen device profile: CiA 401, CiA 301, CiA 303-3 CAN bus termination via jumper

[More details](#)



sysWORXX CANopen IO-X4

8 AI

Analog inputs: 8 (each configurable: ±10V, 4...20mA, resolution 12bit, accuracy <0,5%)
Operating voltage: 24V ± 20%
CANopen device profile: CiA 404, CiA 301, CiA 303-3 CAN bus termination via jumper

[More details](#)



sysWORXX CANopen IO-X5

8 PT100 / PT1000

Analog inputs: 8 (each configurable as PT100 or PT1000 in 2- or 3-wire connection technology, resolution 12bit, accuracy < 0.1K)
Operating voltage: 24V ± 20%
CANopen device profile: CiA 404, CiA 301, CiA 303-3 CAN bus termination via jumper

[More details](#)



sysWORXX CANopen IO-X6

8 AO

Analog outputs: 8 (each configurable 0 ... +10V or 4..20mA, resolution 10bit, accuracy 0,5%)
Operating voltage: 24V ± 20%
CANopen device profile: CiA 404, CiA 301, CiA 303-3 CAN bus termination via jumper

[More details](#)



We are here for you - Contact us!

Our friendly staff will be happy to help you:

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