PCAN-MicroMod FD

Industrial CANopen (FD) I/O Modules

This line of products provides aluminum housed industrial I/O modules for both CANopen and CANopen FD, based on PEAK-MicroMod FD technology.

The PCAN-MicroMod FD line of products can be used. Each module is an individual input / output device with its own CANopen (FD) interface. Configuration of bitrate and node ID can be made by configuration software.

Classical CANopen and CANopen FD

The devices support both classical CANopen and CANopen FD and can therefore also be used to make applications CANopen FD "ready". If a network system currently still uses classical CANopen but is expected to switch to CANopen FD in the future, then these devices can be used to already prepare the system for the future switch to CANopen FD.

CANopen FD and USDO

One of the new services available in CANopen FD is the Universal Service Data Object (USDO). This service allows every node on the network to directly send data to any node connected (no master required). This communication mode supports switching outputs from any node, simplifying integration of systems with distributed control.

Optional CANcrypt FD Security

The CANopen FD firmware is optionally available with support of CANcrypt FD. When enabled, the inputs are transmitted with a cryptographic checksum. Outputs received via the network are only processed, if the cryptographic checksum received with the data is verified.

PCAN-MicroMod CANopen FD Digital 1 & 2

- 8 Digital Inputs
- 8 Digital Outputs (configurable as PWM)
- 4 Analog Inputs
- 2 Frequency Outputs

PCAN-MicroMod CANopen FD Analog 1

- 13 Analog Inputs
- 4 Analog Outputs
- 4 Digital Inputs
- 2 Frequency Outputs

Order code

PK-IPEH-003083: MicroMod Digital 1 (Low-side)
PK-IPEH-003084: MicroMod Digital 2 (High-side)
PK-IPEH-003084: MicroMod Analog 1

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