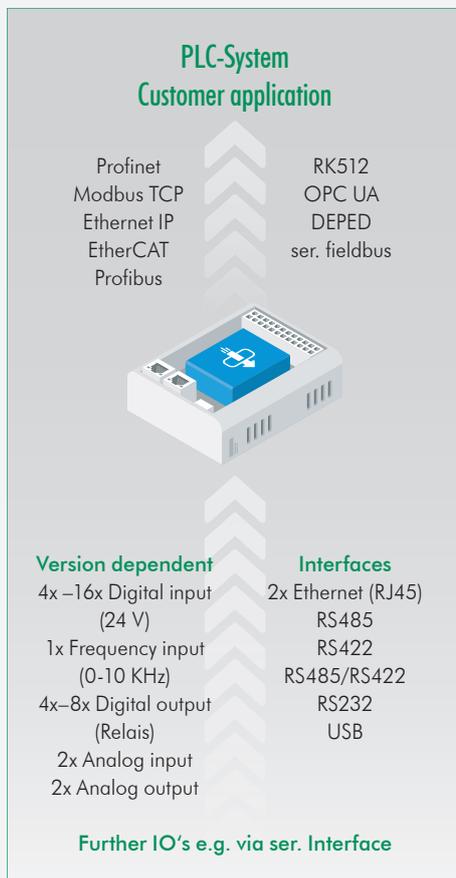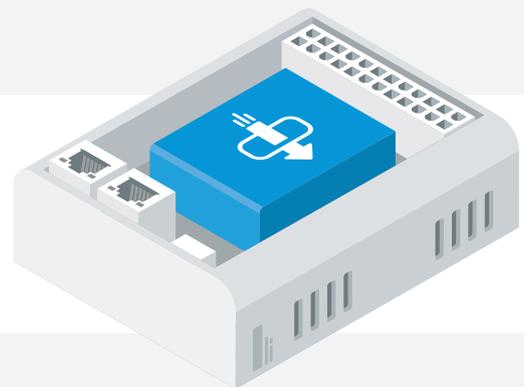# DEMIC
Automatisierungstechnik

The DE-CONway is a multifunctional interface for processing digital and analog IOs. In addition, it impresses with its special connectivity due to a large number of interfaces and can thus be used in any automation network.

DE-CONway
Multifunctional IO-Gateway

PLC-System
Customer application

Profinet	RK512
Modbus TCP	OPC UA
Ethernet IP	DEPED
EtherCAT	ser. fieldbus
Profibus	

Version dependent	Interfaces
4x –16x Digital input (24 V)	2x Ethernet (RJ45)
	RS485
1x Frequency input (0-10 KHz)	RS422
	RS485/RS422
4x–8x Digital output (Relais)	RS232
	USB
2x Analog input	
2x Analog output	

Further IO's e.g. via ser. Interface

Highlights

- Multifunctional gateway for processing digital and high-frequency analog IO signals
- Ideal hardware supplement for PLC-based controllers
- Modular construction system opens up the greatest possible flexibility and custom-fit solutions
- Easily expandable for customer specific requirements
- Can also be used as a stand-alone control system or interface converter via software update
- Interfaces: Ethernet, RS232, RS422, RS485, USB
- As DIN rail device for control box, or as decentralized solution available in stainless steel housing

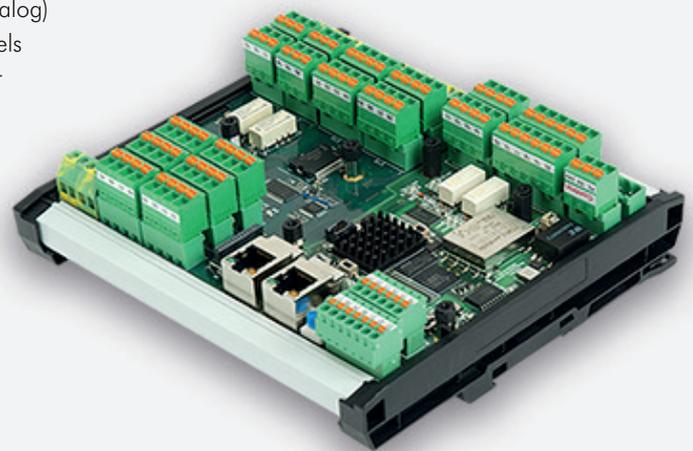*Complete configuration via web server possible*

Features

Depending on version

- 4x – 16x Digital input (24 V)
- 1x Frequency input (0-10 KHz)
- 4x – 8x Digital output [Relais]
- 2x Analog input
- 2x Analog output
- 2x Ethernet-interfaces with a variety of protocols
- 5x serial interfaces (RS232, RS422, RS485, USB)

Especially suitable for a combination of signals at:

- Dosing equipment and weighing system (continuous / discontinuous)
- Motor control (digital/analog or via frequency converter)
- Load cell detection and -processing (digital/analog)
- HMI's /Operating panels
- Measurement amplifier
- Pulse detection
- Temperature sensor
- Pressure detection
- Interfaces

Direct on-site at the machine or can be used at the control cabinet.

Communication

- Numerous interface protocols OnBoard and selectable/ parameterizable via web server
- Data contents of interface can be adapted flexibly
- Greatest possible flexibility during project planning, since data contents are available on all interfaces

Supported protocols

- Profinet
- Modbus TCP
- Ethernet IP
- EtherCAT
- Profibus
- RK512
- OPC UA
- DEPED
- Serial fieldbus

Not yet realized protocols will be integrated free of charge.

Industrie 4.0 Ready

Would you like to learn more about our products? We look forward to advising you.

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