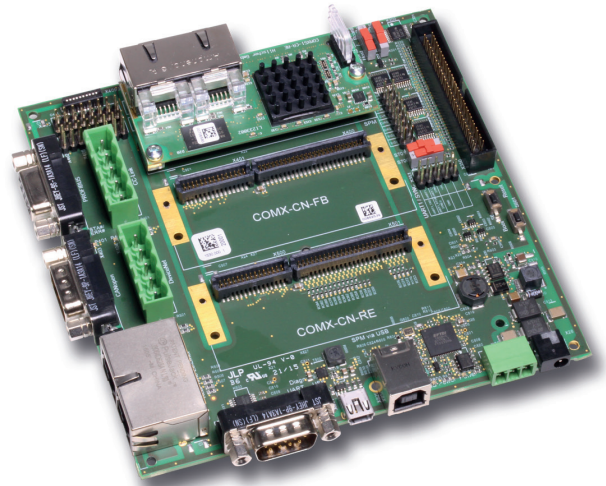# comX EB

The Evaluationboard for all COMX types

- **Standalone and independent from PC**

- **All COMX types supported**

- **Host interface via DPM or SPI**

- **UART and USB diagnostic interface**

- **Easy access to all interfaces**

The easy way of COMX Evaluation

The comX communication module is designed for integration in automation devices e.g. PLC's or drives to add a network interface. Advantage of COMX is that all communication tasks are executed autonomously in the module independent of the processor of the target device. In addition it allows the manufacturer to develop a multi-protocol device with exactly one design, as the change of the communication protocol will be done per software or by changing the module.

Especially with multi-protocol devices the evaluation of comX with all its interfaces is of vital importance. The comX Evaluationboard offers the best entry into comX technology.

The board gets powered via a provided 24V power supply and will be operated independent from a PC. It supports all available comX types and offers free access to all interfaces and pins of the modules, e.g. host-, diagnostic- or synchronization interfaces. Thus the construction of special adapters or cabels is not needed and the manufacturer can focus on the development of his application and hardware.

A comprehensive software package including all relevant tools is always part of the delivery.

hilscher
COMPETENCE IN COMMUNICATION

PRODUCT INFORMATION
TECHNICAL DATA

Technical Data

Operating Temperature
-20° ... +70 °C

Operating Voltage
24 V DC

Dimensions (L x W x H)
138 x 135 x 19 mm

Weight
approx. 150g

Certification
RoHS, CE Sign for test purpose only

Real-Time Ethernet
2 x RJ45

DPM host interface
68pin connector for NXPCA-PCI

Technical Data

SPI host interface
Pin strip or USB type B

SYNC0 / SYNC1
Pin strip

Diagnostics
UART or miniUSB

CANopen
Sub-D 9pin male

CC-Link / DeviceNet
CombiCon 5pin
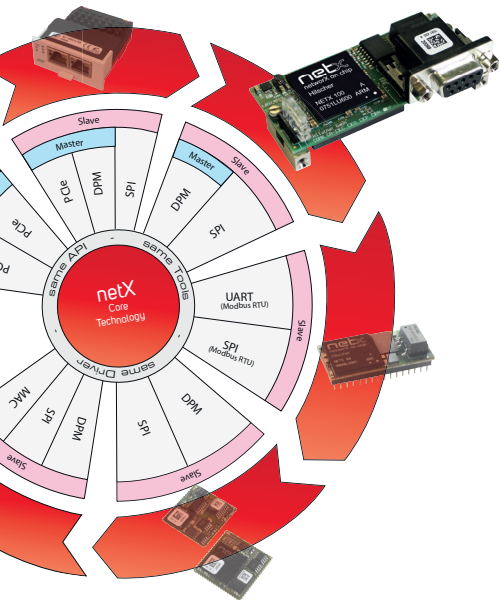
PROFIBUS-DP
Sub-D 9pin female

Power supply
Socket or CombiCon 3pin

Note: All technical data may be changed without further notice.

Article Overview

COMXEB
1530.000 | COMX Evaluationboard (incl. software package and 24V power supply)

One Platform for all COMX

Based on the Hilscher Platform Strategy all COMX solutions – Master and Slave – have the same interface to the application and use the same driver and tools. Due to compatible hardware and mechanics all COMX types can be used on the Evaluationboard. The basic software structure of the application stays unchanged.

COMX Evaluationboard supports:

- COMX 100CA-RE, DP, CO, DN
- COMX 100CN-RE, DP, CO, DN
- COMX 51CA-RE
- COMX 51CN-RE
- COMX 50CA-REFO
- COMX 10CA-DPS, COS, DNS, CCS
- COMX 10CN-DPS, COS, DNS, CCS

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