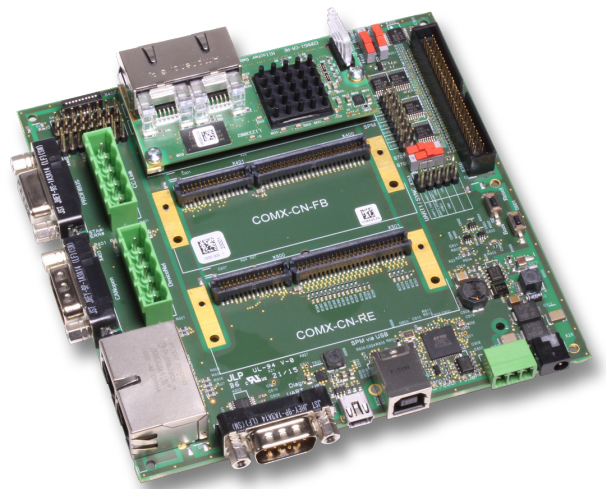# comX EB

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.

→ comX EB
Service hotline: +49 (0) 6190 9907-90
www.hilscher.com

empowering communication

Technical Data	
Operating Temperature	-20 ... +70 °C
Operating Voltage	24 V DC
Dimensions (L x W x H)	138 × 135 × 19 mm
Weight	approx. 150g
Certification	RoHS, CE Sign for test purpose only, UKCA
Real-Time Ethernet	2x RJ45
DPM Host Interface	68pin connector for NXPCA-PCI

Technical Data	
SPI host interface	Pin strip or USB type B
SYNCO / 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.

Product Overview		
COMX EB	1530.000	COMX Evaluationboard (incl. software package and 24V power supply)
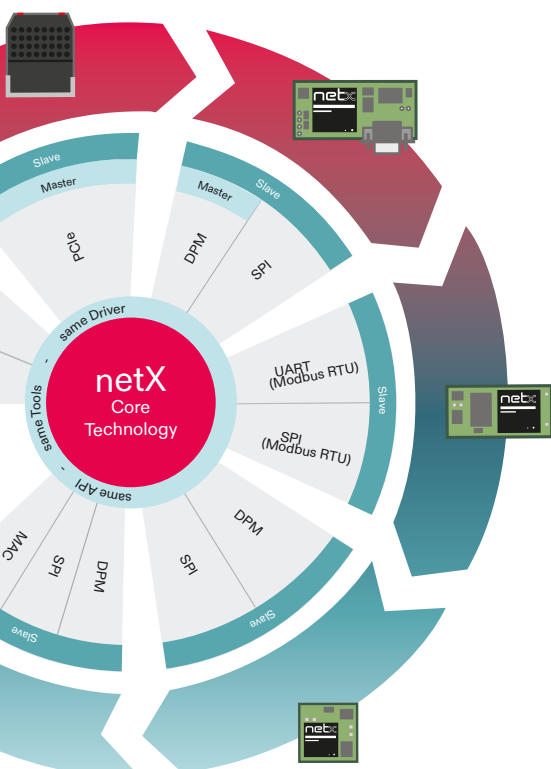
One platform for all COMX

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 52CA-DPS, COS, DNS, CCS
→ COMX 52CN-DPS, COS, DNS

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