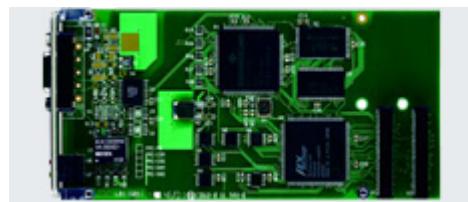# PMC-DNM

Communication Interface PMC
DeviceNet-Master

The PCI Mezzanine Cards as a Master on the DeviceNet network exchanges independently the data between the devices on the bus and the internal process image. The process image is held in the dual-port memory and the application can access the data directly. The configuration is carried out with the aid of our System Configurator SyCon® or directly from the application program. It is stored in the device and is available immediately at the start time. The Slave devices are configured by the Master via the DeviceNet network. With it only the relevant data in the process image is passed to or is taken from theapplication.

Facts at a glance:

- Execution of the DeviceNet protocol stack without load of the PC
- Direct access to the process data in the Dual-Port-Memory
- Easy diagnostic via LED status display
- Configuration data is stored in internal FLASH memory
- Graphic System Configurator with unified "look and feel" for all fieldbus systems
- Identical "easy-to-use" application interface on all PCI Mezzanine Cards
- Device driver for Windows® and Linux included
- OPC server available

Product	PMC-DNM
Description	Communication Interface PMC DeviceNet-Master
In scope of delivery	C functions library DRV-TKIT
	COM interface DRV-COM
	Device driver Windows DRV-WIN
	Device driver Linux DRV-LNX

	Documentation on CD CD-SYS
	Basic version System Configurator
Order seperately	System Configurator SYCON-DN
Related products	SoftPLC-Kit
	OPC-Server SRV-OPC

Card format	PMC
Bus interface	PCI 3V / 5V Signaling
Dual-Port-Memory	8 KByte
Interrupt	Plug and play
DeviceNet interface	
Transmission rate	125 kBaud, 250 kBaud, 500 kBaud
Controller	EC1
Interface	ISO 11898, optically isolated
Connector	COMBICON 5-pin
Display	RDY, RUN, MNS
Operating voltage	3,3 V ±5% / 600 mA
	+11 - 25 V / 55 mA
Operating temperature	0 °C - 55 °C
Dimensions (LxWxH)	153 x 74 x 13 mm
Weight approx.	70 g
CE sign	Yes

Appropriate support and product information

FAQs

Manuals and notes

Firmware

EDS or GSD files

Drivers

Glossary

General information about the technology DeviceNet

General information about the product group PMC