

CAN-PCC

CAN to PC CENTRONICS Interface

- bidirectional CENTRONICS interface to the CAN bus
- fast CAN coupling to PC
- compact mini case

Bidirectional Interface

The module offers a parallel bidirectional CENTRONICS interface to the CAN bus. Connection of CENTRONICS is made via a 25-pole female DSUB connector. The module can be plugged directly to the

CENTRONICS connector of a PC, laptop or notebook. The connection of the power supply is performed via a keyboard adaptor for PC or notebook or via a plug-in power supply for 110/230 VAC.

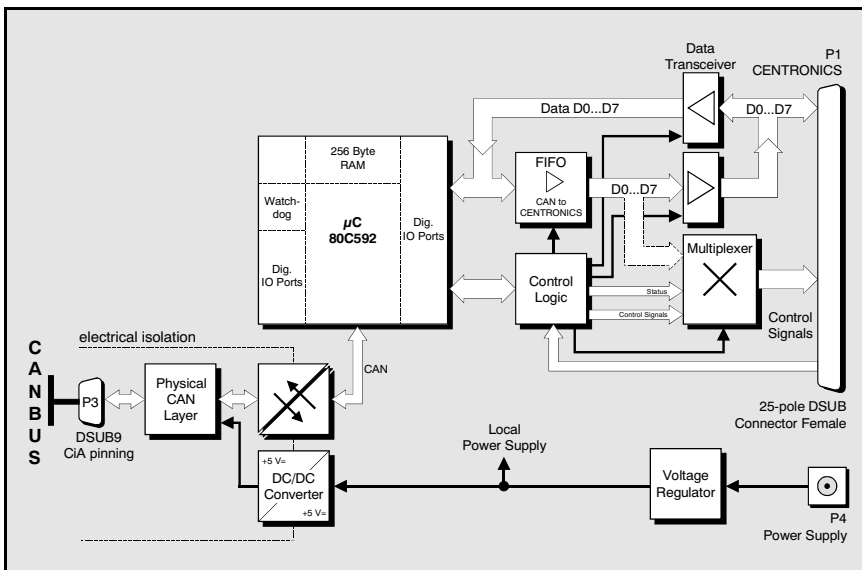
Complete Firmware On-Board

The complete EPROM resident CAN communication firmware for operation of the module is contained in the scope of delivery. The user interface is supported by libraries

which include commands for setting parameters and controlling data transfers. The libraries are available for Windows and DOS systems. An installation program supports a simple adaptation to the PC.

Protocols

The protocols of layer 7 for CAL, CANopen and SDS are supported via various software packages for the PC.



Technical Specifications:

CENTRONICS interface:

CENTRONICS Control:	by Controller 87C592
Data transfer modes:	8-bit parallel bidirectional or 8-bit parallel output and 4-bit input (depends on PC or laptop interface)
Connector:	25-pole DSUB connector (female)

CAN:

CAN layer:	ISO 11898, 1 Mbit/s
CAN controller:	87C592
Data buffer	via 512 bytes FIFO
CAN-> CENTRONICS:	
Diagnostic LED:	status displayed by green LED
Configuration:	via CENTRONICS interface
Electrical isolation	acc. to VDE 0110b §8, isolation class C: 250 VAC / 300 VDC
Connector:	9-pole DSUB (male)

General:

Operating voltage U_s :	5...10 VDC
Leading the power supply:	from PC/laptop/notebook via a keyboard adaptor or via a plug-in power supply 110/230 VAC

General (continued):

Ambient temperature:	0...50 °C
Humidity:	max. 90 %, non-condensing
Dimensions:	85 mm x 54.8 mm x 15.8 mm
Weight:	120 g

Order information:

Designation		order-no.:
CAN-PCC	CAN to PC CENTRONICS Interface	C.2422.01
CAN-DRV-LCD	Object licence for Windows incl. CD-ROM	C.1101.02
CAN-PCC-5V-Adapter	Keyboard adapter for power supply with MINI-DIN connectors	C.2422.12
CAN-PCC-PS	Miniature plug-in power supply for CAN-PCC, 110/230 VAC	C.2422.14
CAN-PCC-ME	English user manual	C.2422.21
CAN-API-ME	Software manual CAN-API	C.2001.21
CAL-CANopen-ME	CANopen manuals	C.2002.21