CPCI-CAN/200 Passive CompactPCI-CAN-Interface



- low cost CompactPCI-CAN interface

- 3 U board
- extended temperature option

CAN Interface

The ISO 11898 compliant CAN interface allows a data transfer rate of 1 Mbit/s. Among many other features, the bit rate can be set by software. The CAN interface is electrically isolated from the other potentials by optocouplers and DC/DC converters.

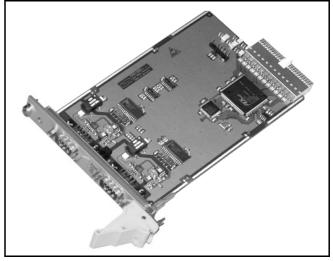
Software Support

Software drivers are available for Windows NT/2000/XP and Windows 9x/ME. Drivers for other operating sytems are available as well.

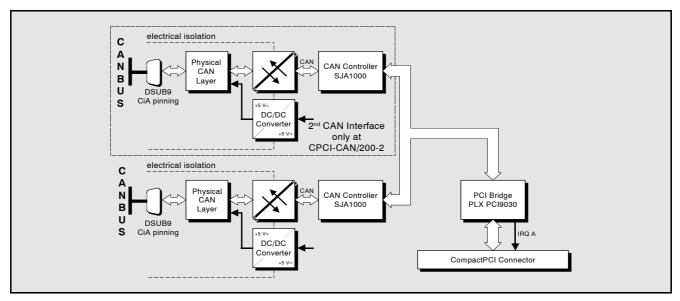
Like all low cost CAN PC boards there are restrictions in comfort and data reliability with the CAN-PCI/200 due to the simple design of these boards.

A reception without data loss can not be guaranteed in these designs, because it depends on the bit rate, the performance and the operating system of the host CPU.

CAN Protocol



Software package available for CANopen.



Technical Data:

CompactPCI interface and microcontroller:			
PCI bridge:	PC19030		
CAN:			
CAN controller:	SJA1000, CAN 2.0A/B		
CAN interface:	differential, electrically isolated, 1 Mbit/s, ISO11898		
General:			
Ambient temperature:	050 °C		
Humidity:	max. 90 %, non-condensing		
Supply voltage:	3.3 V, 5 V		
Connector:	CAN:	9-pole DSUB (male)	

Order information:		
Designation		order no.:
CPCI-CAN/200-1B CPCI-CAN/200-2B CPCI-CAN/200-2-T	1x CAN, ISO11898 2x CAN, ISO11898 2x CAN, extended temp. range	C.2035.02 C.2035.04 C.2035.06
CAN-DRV-LCD	Object licence for Windows and Linux incl. CD-ROM	C.1101.02
CPCI-CAN/200-Co CPCI-CAN/200-FP6	CANopen m/s object licence 6U front panel	C.2035.12 C.2035.30

