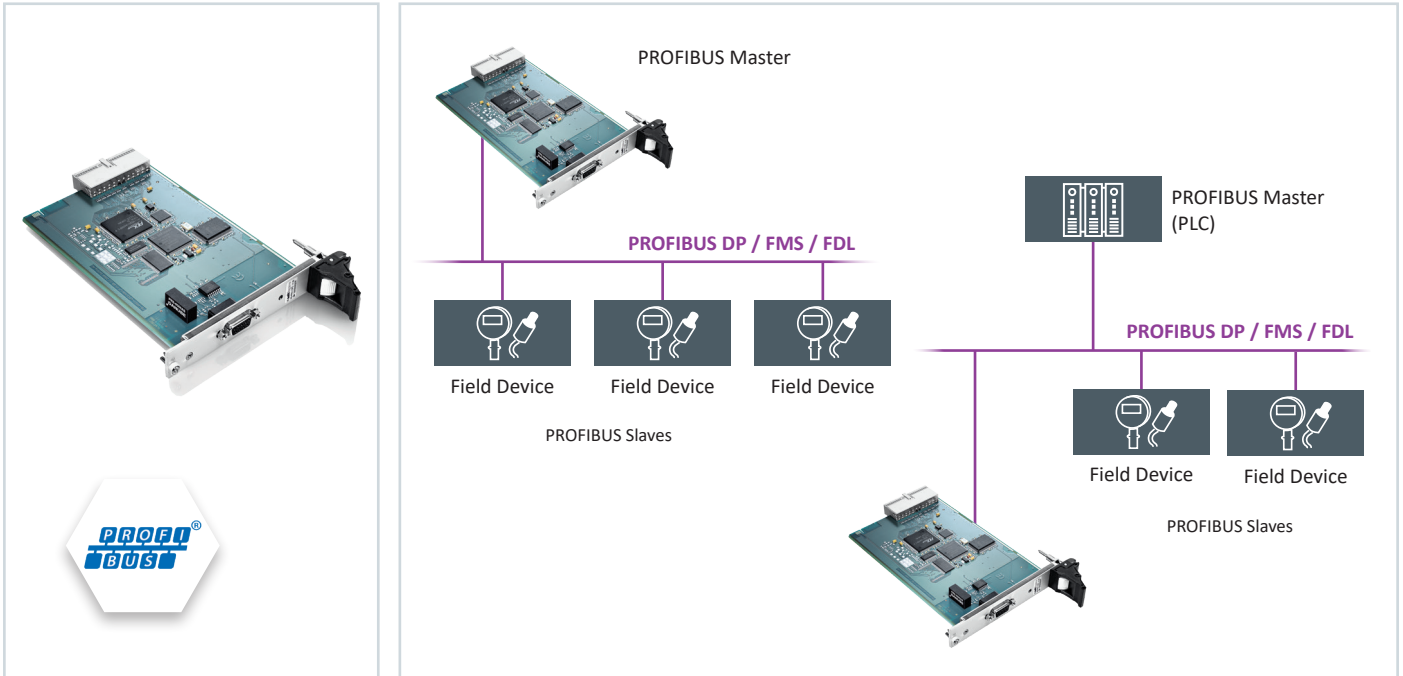


PBpro CompactPCI

CompactPCI Interface Card for Use as Master or Slave

- **Single Channel Interface Card in CompactPCI Format for Integrating 19" PCs into PROFIBUS Architectures as Machine Controllers, Supervisory Control Applications, Visualization Systems or Field Devices.**



Always the Fitting PROFIBUS Protocol

- PROFIBUS Master and Slave functionality
- Support of PROFIBUS DP, PROFIBUS FMS and PROFIBUS FDL protocols
- Universal interface solution for integration in industrial and embedded PCs

Rapid Integration Using API or OPC Server

- Direct access to all protocols via PROFIBUS API
- Sample programs including comments
- Integration in various plant asset management tools
- Optional access by OPC Clients using Softing's OPC Server

Large Choice of Drivers

- Use in Windows and Linux operating systems
- PROFIBUS CommDTM for FDT applications included in scope of delivery

Ideal for Harsh Environments

- Resistant to vibrations thanks to robust 19" technology
- Card secured against accidental disconnection by screws on front plate

PBpro CompactPCI

Technical Data

PROFIBUS Protocols	DP-V0 Master DP-V1 Master: acyclic C2 services DP-V2 Master ¹ FMS FDL DP-V0 Slave
Fieldbus Connection	9-Pin D-Sub female on ribbon cable, EIA-485, galvanically isolated
Transfer Rates	9,6; 19,2; 45,45; 93,75; 187,5; 500; 1.500; 3.000; 6.000; 12.000 Kbit/s
PC Interface	CompactPCI, 128 KB Shared RAM
Operating Temperature	0 °C ... +70 °C
Storage Temperature	-20 °C ... +70 °C
Relative Humidity	< 90 %, non-condensing
Dimensions	160 mm x 100 mm

Power Supply

Supply Voltage 5 VDC / 3,3 VDC (±5 %)

Current Consumption Typically 500 mA / 200 mA

Drivers Available for Windows XP, Windows 7, Windows 8, Windows 10, Linux

Conformity



¹ DP-V2 available for custom integration.

Please contact Softing to discuss your specific requirements.

Scope of Delivery

Hardware	PC interface board
Software	Drivers, sample programs on CD-ROM
Documentation	Manual on CD-ROM

Order Numbers

PB-PRO1-CPCI	PBpro PROFIBUS CompactPCI Interface Card
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Additional Products and Services

OPC-PB ²	PROFIBUS OPC Server for DP-V0 / DP-V1
TRA-PB-TECH	PROFIBUS technology training

² Erfordert PROFIBUS Master-Schnittstellenkarte

Your local Softing contact:

<http://industrial.softing.com>

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