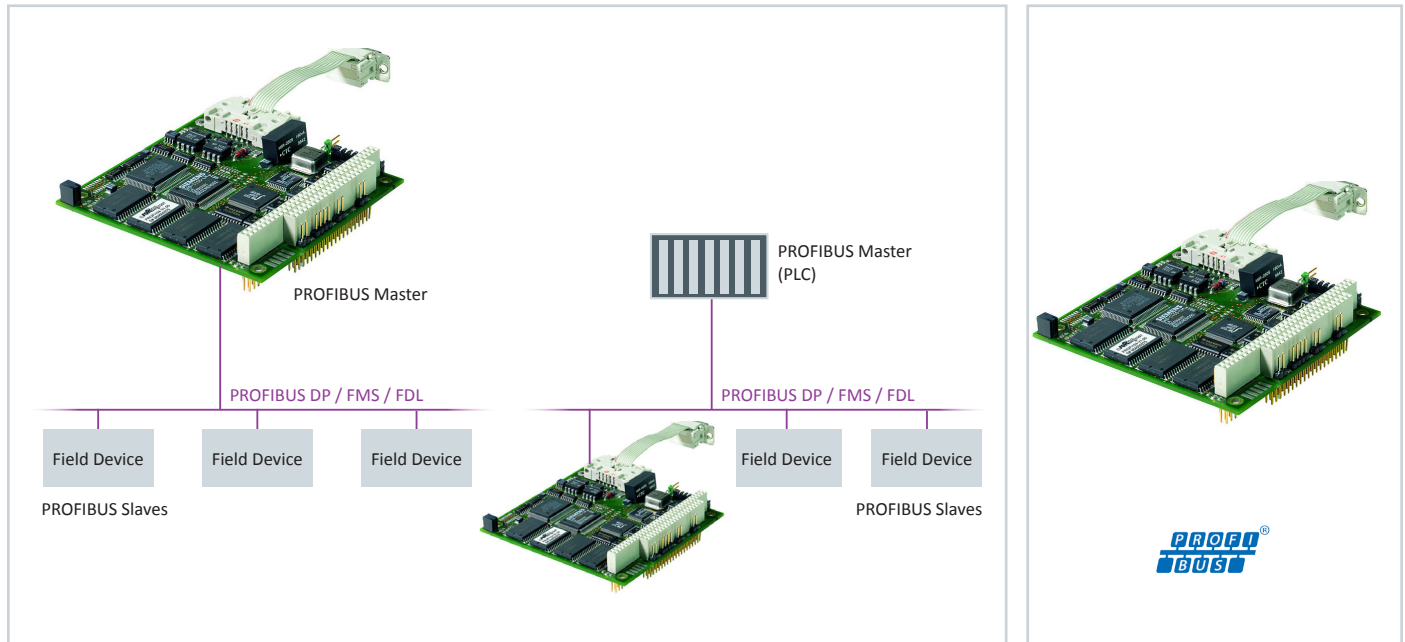


PROFI104

PC/104 Board for Use as Master or Slave

Single channel interface board in PC/104 format for integrating 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

Wide Temperature Range

- Extended temperature version supporting operating temperature range between -40 °C and +85 °C
- Interface adjustable according to customer specifications, including hardware adaptations

Technical Data

	Master/Slave	Master/Slave, extended temperature range
PROFIBUS Protocol		
DP-V0 Master	•	•
DP-V1 Master: Acyclic C2 Services	•	•
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	PC/104, 16 Bit, 16 KB Dual Ported RAM	
Interrupts	5, 10, 11, 12, 15	
Operating Temperature	0 °C ... +70 °C	-40 °C ... +85 °C
Storage Temperature	-20 °C ... +70 °C	-40 °C ... +85 °C
Relative Humidity	< 90 %, non-condensing	
Dimensions	90.2 mm x 96 mm	
Power Supply		
Supply Voltage	5 VDC (±5 %)	
Current Consumption	Typically 700 mA	
Drivers Available for	Windows XP, Linux	
Konformität	  	

Scope of Delivery

Hardware	PC interface board, ribbon cable with D-Sub connector
Software	Drivers, sample programs on CD-ROM
Documentation	On CD-ROM

Order Numbers

	Master/Slave	Master/Slave, extended temperature range
	PB-PC104-MS	PB-PC104-MS-XT

Additional Products and Services

OPC-PB ¹	PROFIBUS OPC Server for DP-V0 / DP-V1
TRA-PB-TECH	PROFIBUS technology training

¹ Requires PROFIBUS Master Interface Board

optimize!
softing

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