Profibus DPV1 Master PCI Interface

The Anybus-PCI iProfibus Master supports Profibus DP & DPV1 functions.

The PCI interface has a 4kByte DPRAM providing a fast I/O transfer of 1536 bytes Input & 1536 bytes Output data. It also supports Class 1 & Class 2 services and can handle up to 125 Profibus slaves.

The DPV1 Master can be configured by the easy to use configurator software Anybus NetTool for Profibus. Both Master and Slave version can operate on baudrates of up to 12 Mbit/s on a Profibus network.

This Anybus PCI card is compatible with the Anybus OPC server which is available for free. It also comes with driver support for the 3S soft-PLC program. If you want to develop your own Windows applications this is made easy using the Anybus API driver package (Anybus Transport Provider). This offers a standardized dll API with simple functions for card initialization and process data exchange.

FDT/DTM technology is also supported. By using the Anybus comDTM this card can be used as an access point for an FDT tool such as Pactware or Fieldcare for configuring Profibus slave devices via the Profibus network, either directly on Profibus-DP or via a DP/PA converter.

Functions for Hot StandBy (HSBY) are included as well. This is useful for applications requiring a higher level of availability often required in process industry. HSBY can also be referred to as "controller redundancy".

KEY FEATURES
■ 4 kByte Dual Port RAM memory
■ Up to 125 DP & DPV1 slaves can be connected
■ Up to 1536 bytes input & 1536 bytes Output data
■ High throughput with baudrates up to 12 Mbit/s
■ RS-485 optically isolated Profibus interface with on-board DC/DC converter
■ Configuration via AnyBus NetTool Windows based configuration software
■ Profibus DP/DPV1 Class 1 & Class 2 Master according to IEC 61158
■ Profibus master configuration via PCI or serial cable
■ Hot StandBy support (controller redundancy)
■ FDT support using Anybus comDTM

TECHNICAL SPECIFICATIONS	
Size:	100 mm x 120 mm x 22 mm
Power Supply:	3.3 or 5 VDC
Temperature:	0-55°C
Current Consump:	600 mA max
Baud Rate:	9.6, 19.2, 93.75, 187.5, 500, 1500, 3000, 6000, 12
I/O Input:	1536 bytes
I/O Output:	1536 bytes
Supp Features:	Profibus DPV1
Order Code:	AB3502