Profibus Master - Profibus Slave

The Anybus X-gateway copies I/O-data in both directions thus enabling data exchange between the two networks. Default I/O configuration is 20 bytes Input and 20 bytes Output. Changing default settings is very simple and is carried out using the RS232 configuration port and a standard terminal interface on a PC, such as Hyper Terminal for Windows.

The Anybus-M Profibus-DP interface supports connection of up to 125 slaves at baudrates up to 12 Mbit/s. The Profibus configuration is defined with NetTool-PB, the windows based configuration software for Profibus from HMS (purchased as a separate accessory).
The Profibus interface module is certified by the Profibus user organization and has proven conformance and interoperability with leading manufacturers of I/O, drives, instruments etc
Configuration is downloaded to the module via the RS232 configuration port.

The Profibus DP/DPV1 slave interface is implemented according to the standard IEC61158 as a modular slave, supporting all standard functionality such as Watchdog, Sync and Freeze and diagnostics. Standard DP as well as DPV1 acyclic data services (Class1/Class2) are supported. The Profibus interface module is certified by the Profibus user organization and has proven conformance and interoperability with leading PLC´s, HMI´s etc. Profibus address is set via rotary switches 0-99.

KEY FEATURES

- **Profibus configuration: NetTool-PB for Windows**
- **Built on Siemens ASIC ASPC2 Step E with Infineon C165 Microprocessor**
- **Up to 125 slaves can be connected**
- **Profibus configuration through RS232 configuration port**
- **Supports PA baud rate 45.45 kbit/s**
- **Watchdog support**
- **Sync and Freeze**
- **Complete Profibus DP and DPV1 (Class1/Class2) slave functionality according to IEC 61158**
- **Complete Profibus DP Master according to IEC 61158**

TECHNICAL SPECIFICATIONS

Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC (±10%)
Temperature:	0-65°C
Current Consump:	max 300 mA
I/O Input:	Max 244 bytes using DP / 512 bytes using DPV1
I/O Output:	Max 244 bytes using DP / 512 bytes using DPV1
Mech Rating:	IP20/Nema1
Config Method:	Windows Hyper Terminal
UL certification:	E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4
ATEX certification:	ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
Power supply connector:	2-pole 5.08 mm Phoenix pluggable screw connector
Profibus address ran:	Node address 0-125
Profibus connector:	D-sub 9-pin female
Accessory order code:	018330 (NetTool-PB configuration tool for Profibus)
Price Group:	B
Order Code:	AB7801