Anybus X-gateway – AB7802

 Profibus Master - DeviceNet Adapter/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 high performance DeviceNet Slave interface provides instant connectivity to the DeviceNet network. The module conforms to DeviceNet 2.0. The DeviceNet interface module is certified by the ODVA and has proven conformance and interoperability with leading PLC´s, HMI´s etc. Baud rate and MAC ID can be set via DIP switches.

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
- DeviceNet Specification version: Vol 1: 2.0, Vol 2: 2.0
- Conformance test version: A-12
- I/O Slave messaging: Bit strobe, Polling, Cyclic, COS and Explicit Messaging
- 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:	Default 20 bytes, max 512 bytes
I/O Output:	Default 20 bytes, max 512 bytes
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 baudrate:	9600 bit/s - 12 Mbit/s
Profibus address:	Node address 0-125
Profibus connector:	D-sub 9-pin female
Accessory order code:	018330 (NetTool-PB configuration tool for Profibus)
DeviceNet baudrate:	125-500 kbit/s
DeviceNet MacID:	0-63
DeviceNet connector:	5-pole 5.08 mm Phoenix pluggable screw connector
DeviceNet config.:	Configured by DeviceNet Scanner via EDS file (provided by HMS)
Price Group:	B
Order Code:	AB7802