

## Anybus X-gateway – AB7809

### Profibus Master - Modbus Plus 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 Modbus Plus interface is based on licensed chip-set and software from Modicon Inc. Supporting both the Global Database and Register mapping to 3x and 4x registers this module implements a versatile Modbus Plus interface. The Modbus Plus interface module is certified by the Modconnect and has proven conformance and interoperability with leading PLC's, HMI's etc

#### 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
- Modbus Plus Global Data Base Transaction, Point-to-Point commands, Read holding registers, Preset single register
- Modbus Plus Host Firmware Rev. 77
- 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 (max 64 bytes as Modbus Plus Global Data)
I/O Output:	Default 20 bytes, max 512 bytes (max 64 bytes as Modbus Plus Global Data)
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

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ATEX certification: ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03

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Power supply connector: 2-pole 5.08 mm Phoenix pluggable screw connector

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Profibus baudrate: 9600 bit/s - 12 Mbit/s

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Profibus address: Node address 0-125

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Profibus connector: D-sub 9-pin female

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Accessory order code: 018330 (NetTool-PB configuration tool for Profibus)

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Modbus Plus baudrate: 1 Mbit/s

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Modbus Plus address: Node-ID and Source-ID 1-64

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ModbusPlus connector: D-sub 9-pin female

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Price Group: C

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Order Code: AB7809

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