



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 Ethernet interface consists of an embedded ModbusTCP 10/100 Mbit/s interface with IT functionality such as WEB-server, SSI-scripts, Flash file system, FTP-server, Email client, Telnet etc. It is possible to build web pages displaying and controlling a factory floor process with data from the other connected network. It is built on a dedicated 32 bit RISC micro processor (+60 mips) ensuring fast and secure Ethernet performance.

The EtherNet/ModbusTCP interface module is certified by the Univeristy of Michigan and has proven conformance and interoperability with leading PLC's, HMI's etc.

KEY FEATURES
■ Built on Siemens ASIC ASPC2 Step E with Infineon C165 Microprocessor
■ Up to 125 slaves can be connected
■ Profibus configuration: NetTool-PB for Windows
■ Profibus configuration through RS232 configuration port
■ Supports PA baud rate 45.45 kbit/s
■ 10/100 MBit twisted pair RJ45 connection
■ TCP/IP settings configurable with web-page, Configuration Tool, DHCP, ARP or with DIP switches
■ Modbus/TCP class 0, class 1 and partially class 2 slave functionality
■ 1.4 Mbyte storage space on Flash disk
■ Support for AnyBus IPconfig utility for easy TCP/IP set up
■ SSI scripts used for easy display/control of process data on WEB-pages
■ Gateway diagnostics via WEB-pages
■ 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)
Modbus-TCP baudrate: 10/100 Mbit/s autodetect
Modbus-TCP connector: RJ45
Modbus-TCP address: Any valid IP-address
Price Group: B
Order Code: AB7629