



The Anybus X-gateway copies I/O-data in both directions thus enabling an exchange of data 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 Ethernet/IP 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/IP interface module is certified by the ODVA 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
■ 10/100 Mbit/s twisted pair RJ45 connection
■ TCP/IP settings configurable with web-page, Configuration Tool, DHCP, ARP or with DIP switches
■ Ethernet/IP level 2 I/O Server CIP (ControlNet & DeviceNet)
■ 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 webpages
■ Gateway diagnostics via WEB-pages
■ Configured by EtherNet/IP Scanner via EDS file (provided by HMS)
■ Complete Profibus DP Master according to IEC 61158

TECHNICAL SPECIFICATIONS
<b>Size:</b> 126 mm x 110 mm x 42 mm
<b>Power Supply:</b> 24 VDC (±10%)
<b>Temperature:</b> 0-65°C
<b>Current Consump:</b> max 300 mA
<b>I/O Input:</b> 512 bytes
<b>I/O Output:</b> 512 bytes
<b>Mech Rating:</b> IP20/Nema1
<b>Config Method:</b> Windows Hyper Terminal, NetTool-PB, Anybus IPconfig
<b>UL certification:</b> E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4
<b>ATEX certification:</b> ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
<b>Power supply connector:</b> 2-pole 5.08 mm Phoenix pluggable screw connector
<b>Profibus baudrate:</b> 9600 bit/s - 12 Mbit/s
<b>Profibus address ran:</b> Node address 0-125
<b>Profibus connector:</b> D-sub 9-pin female
<b>Ethernet/IP baudrate:</b> 10/100 Mbit/s autodetect
<b>Ethernet/IP connecto:</b> RJ45
<b>Ethernet/IP address:</b> Any valid IP-address
<b>Accessory order code:</b> 018330 (NetTool-PB configuration tool for Profibus)
<b>Price Group:</b> C
<b>Order Code:</b> AB7800