

## Anybus X-gateway – AB7831

### Ethernet/IP Adapter/Slave - Ethernet/IP 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 two Ethernet/IP interfaces are galvanically and logically separated from each other. Each of the two Ethernet interfaces 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

- Galvanical isolation between the two Ethernet interfaces
- Logical isolation between the two Ethernet interfaces
- Ethernet 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
  - 2 x 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

#### TECHNICAL SPECIFICATIONS

Size: 126 mm x 110 mm x 42 mm

Power Supply: 24 VDC ( $\pm 10\%$ )

Temperature: 0-65°C

Current Consump: max 300 mA

Baud Rate: 10/100 Mbit/s autodetect

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

Ethernet connector: RJ45

Ethernet/IP address: Any valid IP-address

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Ethernet/IP config.: Configured by EtherNet/IP Scanner via EDS file  
(provided by HMS)

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Price Group: B

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Order Code: AB7831