

Anybus X-gateway – AB7863

DeviceNet Adapter/Slave - LonWorks

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 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.

The LonWorks interface is a high performance interface to LonWorks networks. The interface supports LonMark objects handling. The required network variables on the LonWorks side can be configured and stored in FLASH. It is based on MIP that allows high throughput and a configurable set of up to 256 input and 256 output network variables. The interface can, via the "LWtool" PC-based configuration utility program, link, and convert data between the other network side and devices located on a LonWorks Network. The LonWorks side of the product can be configured for any type of network variable e.g. SNVT's or UNVT's.



KEY FEATURES

- 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
- Special LW Config Software Tool for Network variable Setup
- Certification prepared for Lonmark application layer interoperability guidelines V3.2
- LonWorks FT-X1 Transceiver

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
I/O Input:	Default 20 bytes, max 512 bytes (256 network variables on LonWorks)
I/O Output:	Default 20 bytes, max 512 bytes (256 network variables on LonWorks)
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

DeviceNet baud rate: 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)

LonWorks baudrate: 78 kbit/s

LonWorks
Connector: 5-pole 5.08 mm Phoenix pluggable screw connector

Price Group: C

LonWorks config.: Order code: 018640 - (LW Tool ABX for LonWorks
interface variable configuration)

Order Code: AB7863
