

Anybus X-gateway – AB7861

DeviceNet Adapter/Slave - 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 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 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

- 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
- Modbus Plus Global Data Base Transaction, Point-to-Point commands, Read holding registers, Preset single register
- Modbus Plus Host Firmware Rev. 77

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 (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
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)

Modbus Plus
baudrate: 1 Mbit/s

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

ModbusPlus
connector: D-sub 9-pin female

Price Group: C

Order Code: AB7861