

Profibus Slave - DeviceNet 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 Profibus DP/DPV1 slave interface is implemented according to the standard IEC61158 as a modular slave, supporting all standard functionality such as Watchdog, Sync and Freeze and diagnostics. Standard DP as well as DPV1 acyclic data services (Class1/Class2) are supported. The Profibus interface module is certified by the Profibus user organization and has proven conformance and interoperability with leading PLC's, HMI's etc. Profibus address is set via rotary switches 0-99.

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.

KEY FEATURES

- Watchdog support
- Sync and Freeze
- Supports PA baud rate 45.45 kbit/s
- 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
- Complete Profibus DP and DPV1 (Class1/Class2) slave functionality 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:	244 bytes using DP / 512 bytes using DPV1
I/O Output:	244 bytes using DP / 512 bytes using DPV1
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 autodetect
Profibus address ran:	Node address 0-99
Profibus connector:	D-sub 9-pin female
Profibus config.:	Configured by Profibus Master via GSD file (provided by HMS)
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)
Price Group:	B
Order Code:	AB7844