

DeviceNet Scanner/Master - FIP 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 DeviceNet Master interface can act both as a Master/Scanner and/or Adapter/Slave. The entire DeviceNet protocol is implemented into the module. The module manages control of up to 63 DeviceNet slaves. Full DeviceNet configuration can be defined and loaded into the Anybus-M module via the HMS configuration software NetTool-DN (purchased as a separate accessory) or via Rockwell's RSNetWorx.

The FIPIO interface is based on an embedded AnyBus-S module providing industrial performance and quality. FIPIO station address can be selected via switches on the end side of the module. A transformer connection on the module provides a isolated fieldbus interface.



KEY FEATURES

- Complete DeviceNet 2.0 scanner implementation according to ODVA
- DeviceNet Group 2 Client/Server / UCMM support
- Manages up to 63 DeviceNet slaves
- DeviceNet Configuration via AnyBus NetTool-DN or RSNetworx
- DeviceNet Explicit peer to peer messaging, configuration consistency value. I/O Slave messaging: Bit strobe, Polling, Cyclic & Change of State (COS)
- Supports both FIP and WorldFIP standards
- FIPIO profile FEDP (Extended Device Profile), class 0
- Transformer isolated FIP interface

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:	Default 20 bytes, max 64 bytes
I/O Output:	Default 20 bytes, max 64 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

DeviceNet baudrate: 125-500 kbit/s
DeviceNet MacID: 0-63
DeviceNet connector: 5-pole 5.08 mm Phoenix pluggable screw connector
Accessory order018020 (NetTool-DN configuration Tool for code: DeviceNet)
FIPIO baudrate: 1 Mbit/s
FIPIO address: Node address 0-99
FIPIO connector: D-sub 9-pin male
Price Group: C
Order Code: AB7813