









DeviceNet Scanner/Master - EtherCAT 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 EtherCAT Slave Interface for the Anybus X-gateway implements CANopen over EtherCAT, and exchanges up to 512 bytes of data in each direction. The interface acts as a slave node, which means it can be accessed by an EtherCAT master, but it will not initiate communication by itself. The module has two RJ45 connectors using 100 Mbit full duplex Ethernet. For configuration a XML-format device description file is supplied by HMS.

KEY FEATURES	
	Complete DeviceNet 2.0 scanner implementation according to ODVA
	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)
	EtherCAT interface supports CANopen objects (SDOs&PDOs)
	Up to 512 bytes of cyclic data in each direction (PDO)
	Up to 512 bytes of acyclic data in each direction (SDO)
	EtherCAT configuration using a XML format file

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 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 connect:	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
EtherCAT baudrate:	100 Mbit/s
EtherCAT connector:	RJ45
Accessory order:	018021 (NetTool-DN configuration tool for DeviceNet)
Price group:	B
Order Code:	AB7697