

Profinet IO Device - 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 Anybus OPC Server is supported and included with this X-gateway. It enables fast and dynamic transfer of fieldbus data to and from e.g. SCADA/HMI/Enterprise level systems based on Microsoft Windows.

The Profinet IO interface is a complete solution for a Profinet IO slave Device. The module is based on the Siemens Profinet IO software technology. The Profinet IO baud rate is 100Mbit/s (full duplex). The IP-address and additional IP-settings is easily configured with the Anybus IPconfig utility for Windows. Additional ways to set the IP-address are either via DHCP or Profinet configuration tool. Four diagnostic LEDs will continuously indicate the actual Profinet IO status and possible error messages. The Profinet IO interface uses a normal RJ45 connector for the bus connection. IT-functions like WEB-server, E-mail client, FTP-server are also supported. The IT functions can be used simultaneously with the Profinet IO communication. Modbus/TCP is also supported with "Read Data" functions.

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	
	Profinet 100 Mbit/s twisted pair RJ45 connection
	Profinet IO and IT functions
	1 Mbyte storage space on Flash disk
	SSI scripts used for easy display/control of process data on webpages
	Gateway diagnostics via WEB-pages
	E-Mail Client, FTP & Telnet Server
	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)
	Support for Anybus OPC Server

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
Profinet connector:	RJ45
Profinet IP-address:	Any valid IP-address
Profinet baudrate:	100 Mbit/s
EtherCAT baudrate:	100 Mbit/s
EtherCAT connector:	RJ45
Price Group:	C
Order Code:	AB7684