FIP Slave - 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 FIPIO interface is based on an 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.

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
■ Supports both FIP and WorldFIP standards
■ FIPIO profile FEDP (Extended Device Profile), class 0
■ Transformer isolated FIP interface
■ EtherCAT interface supports CANopen objects SDOs and PDOs
■ EtherCAT interface is DS301 v4.02 compliant

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 connect:	2-pole 5.08 mm Phoenix pluggable screw connector
FIPIO baudrate:	1 Mbit/s
FIPIO address:	Node address 0-99
FIPIO connector:	D-sub 9-pin male
EtherCAT baudrate:	100 Mbit/s
EtherCAT connector:	RJ45
EtherCAT config:	Configured by EtherCAT Master via XML file (provided by HMS)
Price Group:	C
Order Code:	AB7688