Anybus

® **BY HMS NETWORKS**

Anybus X-gateway – Interbus FO Slave - Interbus FO Slave

Item number: AB7888-F

The Anybus X-gateway Interbus FO Slave to Interbus FO Slave enables you to connect any Interbus FO system to any Interbus FO control system. Anybus gateways ensure reliable, secure, high-speed data transfers between different industrial networks while being easy to use.

A protocol converter that connects Interbus FO and Interbus FO control systems

Features and benefits

✓ Reach new markets

Target new markets using different protocols without needing to change your hardware or software, thereby decreasing your time to market and development costs.

✓ Slim hardware design

The gateway is designed for IP20 and DIN-rail mounting, enabling you to install it with ease, close to connected devices, thereby reducing wiring requirements.

✓ Easy configuration – No programming required!

Quickly establish the connection between the two networks with the included Anybus Configuration Manager software. No programming skills are required for the setup process.

✓ Trusted partner

Anybus has a long history of working with all the major network organizations to ensure compliant, high-performing, and compatible products.

✓

✓ No PLC card slot needed

The gateway does not use a card slot in the control system, leaving room for other equipment.

✓ 3-year warranty

The gateway is designed to be robust and long-lasting. A 3-year guarantee is provided

✓ Increased PLC performance

The gateway allows for fast transfer of cyclic I/O data between the two networks, offloading your PLC from working with additional calculations.

✓ Life cycle management

HMS maintains every part of the gateway, including network updates, throughout the product's lifecycle.

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General

Net Width (mm)	44
Net Height (mm)	127
Net Depth (mm)	114
Net Weight (g)	400
Packed Width (mm)	17
Packed Height (mm)	9
Packed Depth (mm)	19
Packed Weight (g)	600
Operating Temperature °C Min	-25
Operating Temperature °C Max	65
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Current Consumption Type Value at Vcc Nom (mA)	200mA @ 24V DC
Current Consumption Max value at Vcc nom (mA)	400mA @ 24V DC
Input Voltage (V)	24V DC (-20% to +20%)
Power Connector	2-pin, 5.08 Phoenix plug connector
Reverse Polarity Protection	Yes
Short Circuit Protection	Yes
Isolation	TRUE

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General

Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Aluminium, Plastic
Packaging Material	Cardboard

Identification and Status

Product ID	AB7888-F
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN)	5A991.b.4b

Physical Features

Connectors / Input / Output	1x HFBR-2505C and 1x HFBR-1505C Fiber Optic network connectors, USB-B Config port
Contains Battery	No

INTERBUS Features

INTERBUS Mode	Slave
INTERBUS Supported Functionality	EN 50170; Fiber Optic conform to IEC874-2 and DIN47258; Transmission Media: Plastic fibre, core 980um, clad 1000um: HCS (glass) fibre, core 200um, clad 230 um;PCP V.2.0. (0, 1, 2, or 4 words);Automatic slave address detection
INTERBUS Baud Rate	500 kbit/s â€" 2 Mbit/s
INTERBUS Input Data Size	20 bytes of process data (512 bytes with PCP
INTERBUS Output Data Size	20 bytes of process data (512 bytes with PCP

Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	Yes
Recycle / Disposal	TRUE
CE	Yes

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Certifications and Standards

FCC	No
UL	Yes
UL Information	E214107: Ord.Loc UL508, CSA C22.2 NO. 142
EMC	Yes
Environment	EN 61000-6-4, EN 55016-2-3 Class A, EN 55022 Class A, EN 61000-6-2, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6
Waste Certification (WEEE)	Yes
WEEE Category	IT and telecommunications equipment