

## Anybus X-gateway - AS-Interface Master - Interbus F.Optic Slave

Item number: AB7826-F

The Anybus X-gateway AS-Interface Master to Interbus F.Optic Slave enables you to connect any AS-Interface device or equipment to InterBus Fiber Optic control systems. It can be used when there is no existing AS-Interface 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 AS-Interface devices to Interbus F.Optic PLCs*

### 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	AB7826-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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<b>FCC</b>	No
<b>UL</b>	Yes
<b>UL Information</b>	E214107: Ord.Loc UL508, CSA C22.2 NO. 142
<b>EMC</b>	Yes
<b>Environment</b>	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
<b>Waste Certification (WEEE)</b>	Yes
<b>WEEE Category</b>	IT and telecommunications equipment