

## Anybus X-gateway - AS-Interface Master - DeviceNet Adapter

Item number: AB7822-F

The Anybus X-gateway AS-Interface Master to DeviceNet Adapter enables you to connect any AS-Interface device or equipment to DeviceNet 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 DeviceNet 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)	750
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	AB7822-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 5-pin, 5.08 Phoenix plug connector, USB-B Config port
DIP & Rotary Switches	1x 8-dip switch DEV MacID + Baud rate
Contains Battery	No

## DeviceNet Features

DeviceNet Mode	Adapter / Slave
DeviceNet Configuration File	EDS available
DeviceNet Baud Rate	125-500 kbit/s
DeviceNet Input Data Size	512 bytes
DeviceNet Output Data Size	512 bytes

## Certifications and Standards

Protection Class IP	IP20
RoHS Compliant	Yes
Recycle / Disposal	TRUE

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## Certifications and Standards

<b>CE</b>	Yes
<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