Anybus X-gateway – DeviceNet Scanner - FIPIO Slave

Item number: AB7813-F

The Anybus X-gateway DeviceNet Master to FIPIO Slave enables you to connect any DeviceNet device or equipment to FIPIO control systems. It can be used when there is no existing DeviceNet 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 DeviceNet devices to FIPIO 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
Isolation	TRUE
Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Aluminum, Plastic

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General

Packaging Material	Cardboard

Identification and Status

Product ID	AB7813-F
Country of Origin	Sweden
HS Code	8517620000
Export Control Classification Number (ECCN)	5A991.b.4b
Supply Risk Factor ERP	Volume not defined yet

Physical Features

Connectors / Input / Output	1x 5-pin, 5.08 Phoenix plug connector, male 9-DSUB, USB-B Config port
DIP & Rotary Switches	1x 8-dip switch DEV MacID + Baud rate, 2xRotary Address

DeviceNet Features

DeviceNet Mode	Scanner / Master
DeviceNet Supported Functionality	Communications Adapter profile 12; Bit strobe; Polling; Cyclic; COS; LiveList
DeviceNet No. Of Adapters	63
DeviceNet Baud Rate	125-500 kbit/s
DeviceNet Input Data Size	512 bytes
DeviceNet Output Data Size	512 bytes

FIPIO Features

FIPIO Supported Functionality	FIPIO Extended Device Profile (FEDP); FIPIO Class 01
FIPIO Input Data Size	64 bytes (32 words)
FIPIO Output Data Size	64 bytes (32 words)

Certifications and Standards

Protection Class IP	IP20
Recycle / Disposal	TRUE

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Certifications and Standards

UL Information	E214107: Ord.Loc UL508, CSA C22.2 NO. 142
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
WEEE Category	IT and telecommunications equipment