



Anybus .NET Bridge – PROFIBUS to .NET Bridge

Item number: AB9071-C

The Anybus PROFIBUS to .NET Bridge converts PROFIBUS to C#, enabling you to connect any PROFIBUS PLC control system with any .NET solution on a PC. The .NET Bridge uses simulators and code generators to simplify integration.



Connect a function block in a PLC and a .NET solution on a PC.

Features and benefits

- ✓ **Connect OT and IT**
The .NET Gateways enable PLC control systems to connect with .NET solutions, integrating OT and IT.
- ✓ **Code generator**
The Anybus .NET Bridge Code Generator creates C# files for the .NET programmer and PLC files for the PLC programmer according to a defined spreadsheet.
- ✓ **Maximum Performance with Streamer Mode**
For applications requiring minimum delay and maximum performance, the .NET Bridge can be used in streamer mode, where data streams are exchanged directly without any handshake.
- ✓ **Simulators**
The configuration software includes two simulators — a PLC simulator for the .NET programmer and a .NET simulator for the PLC programmer.
- ✓ **3-year warranty**
The .NET Bridges are designed to be robust and long-lasting. A 3-year guarantee is provided.
- ✓ **Easy-to-use interface for the PLC programmer**
A function block, provided by Anybus, manages the handshake on the PLC side and provides an easy-to-use interface for the PLC programmer.
- ✓ **Large data communication**
Supports 65535 different message types, each with a unique ID. The max message size is 251 bytes. Messages are sent sequentially over the same IO data facilitating large data communication.
- ✓ **Automatic configuration setup**
If a bridge needs to be replaced, the .NET application will automatically set up the configuration.
- ✓ **Life cycle management**
HMS maintains every part of the .NET Gateways, including network updates, throughout the product's lifecycle.





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General	
Net Width (mm)	35
Net Height (mm)	110
Net Depth (mm)	101
Net Weight (g)	160
Packed Width (mm)	135
Packed Height (mm)	55
Packed Depth (mm)	170
Packed Weight (g)	220
Operating Temperature °C Min	-25
Operating Temperature °C Max	60
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Current Consumption Type Value at Vcc Nom (mA)	150mA @ 24V DC
Current Consumption Max value at Vcc nom (mA)	300mA @ 24V DC
Input Voltage (V)	24V DC (-15% to +20%)
Power Connector	3-pin, 5.08 Phoenix plug connector
Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Plastic
Packaging Material	Cardboard



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Identification and Status

Product ID	AB9071-C
Export Control Classification Number (ECCN)	5A991.b.1

Physical Features

Connectors / Input / Output	2xRJ45
Contains Battery	No

Certifications and Standards

CE	Yes
Waste Certification (WEEE)	Yes
WEEE Category	IT and telecommunications equipment