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HMS NETWORKS .NET GATEWAYS

AB9077-C
Anybus PROFINET to .NET Bridge



- Two-way communication
- Configurable send/recieve frequency
- .NET simulator mode
- DIN-rail or wall mount options

PRODUCT DESCRIPTION

The Anybus .NET gateway allows machine data to be exchanged from the factory floor in real time with .NET-based programs with minimal integration work. As a user, you focus on defining and integrating an information model in your system, while HMS Anybus technology manages the communication layer and the message protocol. On the OT side, you connect the PLC to the .NET Bridge via a function block and product definition files (GSD, GSDML, EDS, ESI). On the IT side, add a C # .NET library to your program and use it to exchange data with PLC.

.NET Bridge comes with two different modes:
A message mode where you set data tags to be exchanged between OT and IT and generate a corresponding product definition file and a function block for the OT side and a C # .NET library for the IT page. This reduces integration efforts on both sides.

A streamer mode where a defined data set is sent between the IT and OT side. Data must be mapped manually in the PLC and in the .NET program. Available for PROFIBUS, PROFINET and EtherNet / IP.

- Uses .Net to bridge logic in a PLC and the logic in a computer
- Messages can be sent in sequence
- Message size of up to 256 bytes
- Can be mounted on a wall or din rail

TECHNICAL DATA

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Supply voltage	24 V DC
Height	110 mm
Width	35 mm

Protocol	.NET Framework, Profinet-IO Device/Slave
Temperature operational min	-25 °C

Temperature operational max	70 °C
Depth	101 mm