Anybus Communicator – Serial Master to IIoT



Item number: AB7079-B

The Anybus Communicator – Serial Master to IIoT converts serial protocols to IIoT, enabling you to connect any RS-232/485 device or equipment to IIoT control systems. Anybus Communicators ensure reliable, secure, high-speed data transfers between different industrial networks while being easy to use.

A protocol converter that connects serial devices to IIoT control systems.

Features and benefits

Compatible

Convert any standard serial protocol such as Modbus RTU, DF1, or any other Request/Response or Produce/Consume proprietary protocol, in just a few minutes.

3-year warranty

The Communicator is designed to be robust and long-lasting. A 3-year guarantee is provided.

Convert standard and proprietary serial protocols

Convert standard serial protocols such as Modbus RTU and proprietary serial request/response or produce/consume-based protocols.

Daisy chaining

Versions with Dual Port switched Ethernet allow for daisy chaining and eliminate the need for external switches.

Life cycle management

HMS maintains every part of the Communicator, including network updates, throughout the product's lifecycle.

Slim hardware design

The Communicator is designed for IP20 and DIN-rail mounting, enabling you to install it with ease, close to connected devices, thereby reducing wiring requirements.

Increased PLC Performance

The Communicator performs an intelligent protocol conversion and presents the serial data to the PLC control system as easily processed I/O data.

Save & Load

The Save/Load function enables a completed configuration to be re-used for other installations.

Trusted partner

Anybus has a long history of working with all the major network organizations to ensure compliant, high-performing, and compatible products.

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General

Net Width (mm)	27
Net Height (mm)	120
Net Depth (mm)	75
Net Weight (g)	150
Packed Width (mm)	135
Packed Height (mm)	55
Packed Depth (mm)	170
Packed Weight (g)	300
Operating Temperature °C Min	0
Operating Temperature °C Max	55
Storage Temperature °C Min	-40
Storage Temperature °C Max	85
Relative Humidity	0-95% non condensing
Current Consumption Type Value at Vcc Nom (mA)	Typical 100 mA
Current Consumption Max value at Vcc nom (mA)	Max 300 mA
Mounting	DIN-rail (EN 50022 standard)
Housing Materials	Plastic
Packaging Material	Cardboard
Warranty (years)	3

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Identification and Status

Product ID	AB7079-B
Country of Origin	Sweden
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	5A991.b.1

Physical Features

Contains Battery	No

Certifications and Standards

Product Certifications	CE, UL, WEEE