With the Anybus Communicator you can connect your non-networked device to any major fieldbus or industrial Ethernet network. The Communicator performs an intelligent conversion between the RS-232/422/485 protocol of the automation device and the chosen industrial network. This compact gateway consumes very little space in a switching cabinet and is easily mounted on a standard DIN rail.

**Features and benefits**

- Convert almost any RS-232/422/485 Request/Response or Produce/Consume protocol in just a few minutes — For example Modbus RTU, ASCII, DF1.
- Pre-defined for Modbus RTU. Avoid the hassle of scripting and serial Modbus frame building with the 6-step Modbus RTU wizard.
- No hardware or software changes are required for the connected automation device
- Compatible with PLCs from leading manufacturers such as Siemens, Rockwell, Schneider Electric etc.
- Complete protocol conversion performed by the Communicator, no PLC function blocks required
- Handy Save/Load function means a completed configuration can be re-used for many other installations
- Included “Anybus Configuration Manager” with flexible serial frame building capabilities
- Versions with Dual Port switched Ethernet allows for daisy chaining and eliminates the need for external switches
- Global free technical support and consultancy

**Anybus Configuration Manager software**

This Windows™ based software has an easy-to-use user interface and requires no programming.

You can convert almost any RS-232/422/485 Request/Response or Produce/Consume protocol — Modbus RTU, ASCII, DF1, or user-specific.

The Communicator requires no PLC function blocks or programming. Just connect, configure and you’re done.
TECHNICAL SPECIFICATIONS

Network Specific Features

Communicator RS-232/422/485

Protocol
Configurable RS-232/422/485 based produce/consume, query/response ASCII

Max stations
31 (with RS485/422)

Baud rate
1,2-57,6 kbit/s

Physical standards
RS232/422/485

Modbus Commands
0x01 Read Coils, 0x02 Read Discrete Inputs, 0x03 Read Holding Registers, 0x04 Read Input Registers, 0x05 Write Single Coil, 0x06 Write Single Register, 0x07 Read Exception Status, 0x08 Diagnostics, 0x0B Get Comm Event Log, 0x0C Get Comm Event Log, 0x10 Write Multiple Registers, 0x11 Report Slave ID, 0x14 Read File Record, 0x15 Write File Record, 0x16 Mask Write Register, 0x17 Read/Write Multiple Registers, 0x18 Read FIFO Queue Customized commands can be created (in the Anybus Configuration Manager)

Technical Details

Communication port
Configuration port
DSUB9F (see number 1 above) DIN rail connector
Network connector (see number 1 above)
Screw terminals

Status LEDs
DIN rail connector

Power connector with screw terminals

Embedded Networking Solutions

Anybus® is a registered trademark of HMS Industrial Networks AB, Sweden, USA, Germany and other countries. Other marks and words belong to their respective companies.

Part No: MMA103 Version 6.03/2019 - © HMS Industrial Networks - All rights reserved - HMS reserves the right to make modifications without prior notice.