

Anybus Communicator - AB7001



DeviceNet Serial Gateway

The Anybus Communicator Gateway for DeviceNet is an external DIN-rail mounted gateway which provides DeviceNet network connectivity via a serial RS232/RS422/RS485 interface. The Communicator contains a conformance tested AnyBus-S DeviceNet interface.

It has serial protocol support for Modbus RTU Master Mode and Generic Data Mode which is fully configurable through the New ABC Config Tool and the configuration port on the AnyBus Communicator. Other protocols can be implemented by HMS on request.

The delivery comes complete with a DSUB connector with screw terminals for the serial sub-network, CD with Configuration Software and User Manuals, RS232 Configuration Cable and a short Installation Leaflet for the electrical installation.



KEY FEATURES

- RS232/422/485 selection via software
- Supports Modbus RTU Master mode and Generic Data mode
- Multi-drop to up to 31 nodes
- ABC config tool for easy configuration
- CE, UL & cUL marked
- I/O Slave messaging: Bit strobe, Polling, Cyclic, COS and Explicit Messaging
- DIN-rail mountable - PE via DIN-rail
- Max 512 bytes of Input data and 512 bytes of Output data

TECHNICAL SPECIFICATIONS

Size: 120 mm x 785 mm x 27 mm
Power Supply: 24 VDC
Temperature: 0 to +55°C
Current Consump: Max 300 mA
Baud Rate: 125, 250, 500 kbit/s
Sub Baud Rate: 1.2, 2.4, 4.8, 9.6, 19.2, 35.7, 38.4, 57,6 kbit/s
I/O Input: 512 byte
I/O Output: 512 byte
Mech Rating: IP20
Supp Features: I/O Slave messaging: Bit strobe, Polling, Cyclic, COS, Explicit Messaging
Config Method: ABC Config Tool for Windows (TM)
Appl Interface: RS232, RS422, RS485
Included accessories: Cd with software and User Manuals, Configuration Cable RS232, Dsub with screw terminals for Sub-Network, Installation Leaflet
Order Code: AB7001