

FIP Slave - Modbus RTU Slave



The Anybus X-gateway copies I/O-data in both directions thus enabling data exchange between the two networks. Default I/O configuration is 20 bytes Input and 20 bytes Output. Changing default settings is very simple and is carried out using the RS232 configuration port and a standard terminal interface on a PC, such as Hyper Terminal for Windows.

The FIPIO interface is based on an embedded Anybus-S module providing industrial performance and quality. FIPIO station address can be selected via switches on the end side of the module. A transformer connection on the module provides a isolated fieldbus interface.

The Modbus RTU Slave interface is implemented according to Modbus Protocol ref guide (PI-MBUS-300). All data is mapped to 3x and 4x Modbus areas meaning the Input Status and Output Register Word areas. The Modbus RTU standard baudrate is 19200 Bit/s but can be modified on the gateway between 1200 Bit/s to 57 600 Bit/s.

KEY FEATURES

- Supports both FIP and WorldFIP standards
- FIPIO profile FEDP (Extended Device Profile), class 0
- Transformer isolated FIP interface
- Supported Modbus RTU functions: 1, 2, 3, 4, 5, 6, 8, 15, 16, 22, 23
- Modbus RTU transmission media RS485

TECHNICAL SPECIFICATIONS

Size:	126 mm x 110 mm x 42 mm
Power Supply:	24 VDC (±10%)
Temperature:	0-65°C
Current Consump:	max 300 mA
I/O Input:	Default 20 bytes, max 64 bytes
I/O Output:	Default 20 bytes, max 64 bytes
Mech Rating:	IP20/Nema1
Config Method:	Windows Hyper Terminal
UL certification:	E203225, Listed 67AM, UL-1604 Class 1, Div 2, GP A, B, C, D, Temp Code T4
ATEX certification:	ATEX 135419, II 3 G, EEx nL IIC T4, DEMKO 03
Power supply connector:	2-pole 5.08 mm Phoenix pluggable screw connector
FIPIO baudrate:	1 Mbit/s
FIPIO address:	Node address 0-99
FIPIO connector:	D-sub 9-pin male
Modbus RTU baudrate:	1200 Bit/s to 57 600 Bit/s
Modbus RTU address:	Node address 1-247
Modbus RTU connector:	D-sub 9-pin female
Price Group:	C
Order Code:	AB7877