

Ethernet ModbusTCP Slave - FIP 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 Ethernet interface consists of an embedded ModbusTCP 10/100 Mbit/s interface with IT functionality such as WEB-server, SSI-scripts, Flash file system, FTP-server, Email client, Telnet etc. It is possible to build web pages displaying and controlling a factory floor process with data from the other connected network. It is built on a dedicated 32 bit RISC micro processor (+60 mips) ensuring fast and secure Ethernet performance.

The EtherNet/ModbusTCP interface module is certified by the Univeristy of Michigan and has proven conformance and interoperability with leading PLC's, HMI's etc.

The FIPIO interface is based 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.

KEY FEATURES

- 10/100 MBit twisted pair RJ45 connection
- TCP/IP settings configurable with web-page, Configuration Tool, DHCP, ARP or with DIP switches
- Modbus/TCP class 0, class 1 and partially class 2 slave functionality
- 1.4 Mbyte storage space on Flash disk
- Support for AnyBus IPconfig utility for easy TCP/IP set up
- SSI scripts used for easy display/control of process data on WEB-pages
- Gateway diagnostics via WEB-pages
- Supports both FIP and WorldFIP standards
- FIPIO profile FEDP (Extended Device Profile), class 0
- Transformer isolated FIP interface

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 |
| Modbus-TCP baudrate: | 10/100 Mbit/s autodetect |
| Modbus-TCP connector: | RJ45 |
| Modbus-TCP address: | Any valid IP-address |
| FIPIO baudrate: | 1 Mbit/s |
| FIPIO address: | Node address 0-99 |
| FIPIO connector: | D-sub 9-pin male |
| Price Group: | C |
| Order Code: | AB7637 |