Fidelix

multiLINK
Serial to TCP/UDP protocol converter for Modbus and M-Bus

- 1 Modbus RTU - RS485 port
- 2 serial ports for M-bus or Modbus
- RS232 port
- TCP/IP ethernet port (RJ45, PoE)

Connect, convert and communicate

The multiLINK is a versatile communication module, interconnecting Ethernet, M-Bus, Modbus and RS-232 interfaces, both equipment and services, seamlessly. It can be used to convert fieldbus over UDP or TCP to RS485 or RS232, as a serial repeater, or as serial master.

One multiLINK communication module can be connected to multiple serial devices, using different bus types.

With the optionally embedded webserver with customisable HTML pages, you can consult and control the connected serial devices, or serve the information through XML to a SCADA system.

Technical features

Size (with DIN-rail clamps and cover):
107mm x 99mm (x 63mm height)
Operating voltage: **12-36 VDC / 12-26VAC**
(with M-Bus: 24VDC)
Operating temperature: **0 to +50°C**

Ethernet

RS232 (RJ9)
serial 4 and debug

µSD card reader

Factory reset

Mini USB

102 mm

82 mm

TxD

RxD

RUN

CE

RX

TX

A   B

SERIAL1

SERIAL2

SERIAL3

+ IN -   + OUT -

Modbus RS485 A/B
connector

1st expansion port and
card connectors

2nd expansion port and
card connectors