Modbus (RTU and TCP) compatible I/O-module UF080808E

Technical data

I/O-signal channels

· 8 channels of sourcing outputs (DO),
   up to.45VDC, load current up to 700 mA
     - configurable power-on level;
     - single or periodical pulses from 1 ms to 65 s.

· 8 channels of binary inputs (DI), active high or low
     - 4 inputs usable for up to two Wiegand readers; -
   32 bit counter on every input;
    Maximum allowed input voltage 27V.

· 8 universal channels (AI/DI/DO), bitwise settable to
     - 12-bit analogue input 0..2V/0..4V/0..5V/0..10V or
   0..20mA;
     - binary input low or high active;
     - high impedance binary output 0 or 5V /
   10k. Maximum allowed input voltage is 27V..

Dimensions

· 106 x 91 x 59 mm (width 6 modules)

· DIN rail mountable case

Power supply

 · Supply voltage 7..27V DC (to power internal circuits)

· Supply voltage 12..27V DC (to power digital outputs,
   max 200mA load, protected)

· 5V 500 mA protected output to power external
   devices

Communication Interfaces

· RJ45 Ethernet 10/100BaseT interface,
     with ModbusTCP protocol support

· RS485 interface with ModbusRTU support
     (with speeds from 9600 to 115200 bps,
    parity none or even)

· OneWire interface for up to 18 DS18B20
    temperature sensors

 · UART (3.3V 5V tolerant) interface
     with ModbusRTU protocol support

 · Wiegand protocol support for 2 readers on 4 DI
    channels

Manufacturer: Uniflex Systems, www.uniflex.ee, Tallinn, Estonia. info@uniflex.ee