Modbus (RTU and TCP) compatible I/O-module UF040404E

Technical data

I/O-signal channels

· 4 channels of sourcing outputs (DO),
  up to 36VDC, load current up to 1A
  - configurable power-on level;
  - single or periodical pulses with controlled width
    (from 1ms to 4095 s).

· 4 channels of discrete 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 is 27V.

· 4 AI channels with 12-bit ADC
    0..20mA 2 channels,
    0..10V   2 channels

Dimensions

· 106 x 82 x 59 mm

· DIN rail mountable case (5 modules)

Conformity: CE

Power supply

· Supply voltage 17..27V DC (to internal circuits)

· Supply voltage 2 9..36V DC (for discrete outputs)

· 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 interface (3.3V, 5V tolerant)
    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