

Modbus (RTU and TCP) compatible I/O-module UF040404



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 (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

- 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