

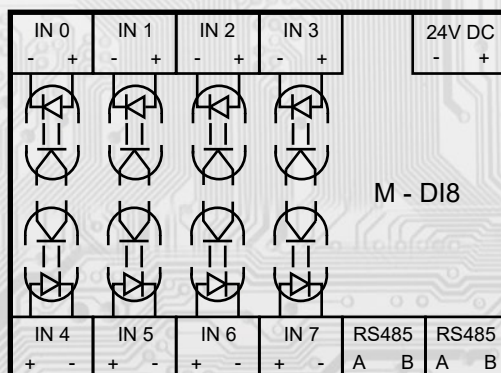


- Communication line RS485, protocol ModBus RTU
- 8 digital inputs galvanic separated
- 35 mm DIN rail mounting
- Two parallel action modes – digital inputs and counting digital inputs
- Software configured sampling time for both modes
- Application - centralized collector spot of flow through meters with pulsed output

Description

M-DI8 is the I/O module with 8 digital inputs galvanic separated. The device standardly communicates with ModBus protocol on the line RS485. The digital filtration of input signal is ensured by controller (adjustable sampling time). The advantage of using the interface RS485 is possibility to communicate for long distance (up to 1200m) and the line is resistant against disturbing signals. The devices is located in the compact box suitable for the 35mm DIN rail mounting. Indicators LED are located on the front panel. These can be indicated: power supply, communication error, status of inputs.

Wiring



Technical parameters

Power supply	24VDC ±15%	Configuration file	freeware; www.regmet.cz
Power consumption	100mA	Galvanic separation of inputs	yes; < 500V
Input – log. L	min. 0 Vss ; max. 5 Vss	Galvanic separation of RS485	no
Input – log. H	min. 20 Vss ; max. 30 Vss	Signal connection	IP20 / screw clamps CLL (2,5mm ²)
Input current to log. H	6 mA for 24 Vss	Dimensions (h x w x d)	90 x 71 x 58 mm
Sampling frekveny	20kHz	Operating temperature	- 25 ÷ 50 °C
Communication	RS485, protocol ModBus RTU	Storage temperature	- 25 ÷ 70 °C
Transmission rate	1200 ÷ 19200 Bd	Relative humidity	< 80 %

Ordering

Name of module and number of pieces

M-DI8, 5 pcs