



- Communication line RS485, protocol ModBus RTU
- 4 analog inputs
- Selection input type:
(PT 100, PT1000, Ni 1000, 0÷100Ω, 0÷1000Ω, 0÷5V, 0÷10V, 4÷20mA, 0÷20mA)

Description

The device M-AI4 is module of four individual configured analog inputs designed for measurement slow processes. Sampling frequency of input signal is about 5s. The device is built in the compact box designed for mounting on the 35 mm DIN rail. Indicators LED are located on the front panel. These can be indicated: power supply, communication error, status of inputs.

Technical parameters

Power supply	24VDC ±15%
Power consumption	20mA
Number of inputs	4x analog
Input signal Temperature range	Ni 1000/5000ppm (-50 ÷ 200°C) Ni 1000/6180ppm (-50 ÷ 200°C) Pt 1000/3850ppm (-50 ÷ 400°C) Pt 100/3850ppm (-50 ÷ 400°C) 0 ÷ 1000Ω linear 0 ÷ 100Ω linear 0 ÷ 10V linear 0 ÷ 5V linear 4 ÷ 20mA linear 0 ÷ 20mA linear
Input signal sampling frequency	~ 5s
Communication	RS485, protocol ModBus RTU
Transmission rate	1200 ÷ 19200 Bd
Configuration file	freeware; www.regmet.cz
Galvanic separation of inputs	no
Galvanic separation of RS485	no
Signal connection	screw clamps CLL (max 2,5mm ²)
Protection type	IP20
Operating temperature	-25 ÷ 50 °C
Storage temperature	-25 ÷ 70 °C
Relative humidity	< 80 %
Dimensions (h x w x d)	90 x 71 x 58 mm