

Analog-to-digital transmitter **DigiRail-2A**

Technical description

Characteristic

- 2 programmable analog inputs
- RS485 interface - MODBUS RTU
- mounting on the 35 mm rail
- registration / printing data possibility (Field Chart)
- RS485 (Rcom) button for restore default configuration
- 1000 V galvanic isolation
- sampling frequency: 2,5-10 samples/s

Input

- TC: J, K, T, E, N, R, S, B
- RTD: Pt100
- analog: (4 ÷ 20) mA, (0 ÷ 20) mA, (0 ÷ 10) V*, (0 ÷ 5) V*, (0 ÷ 50) mV, (-10 ÷ 20) mV, (0 ÷ 20) mV

Accuracy

- ±0,25% ±1 °C: for J, K, S, T, E, N, R, B;
- (±0,15% for others)

Power source

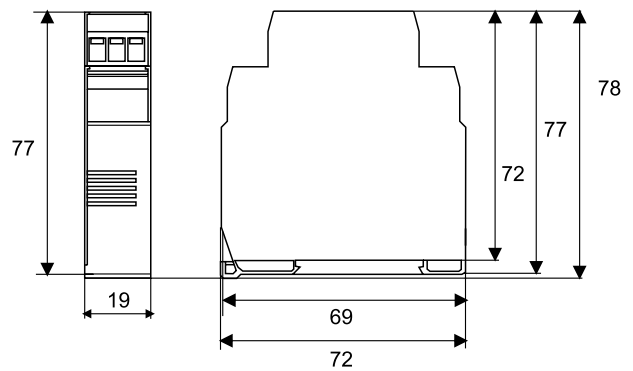
- (10 ÷ 35) V DC
- power consumption 50 mA max.

Operating conditions

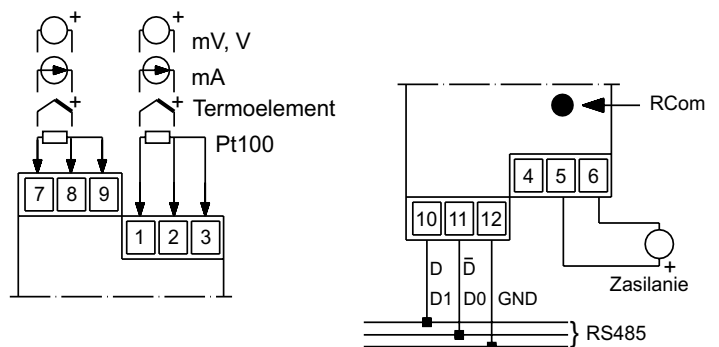
- temperature: (0 ÷ 70) °C
- humidity: (0 ÷ 90) % RH without condensation

Additional functions

- RS485/USB converter
- FieldChart software



Wiring diagram



Ordering example

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