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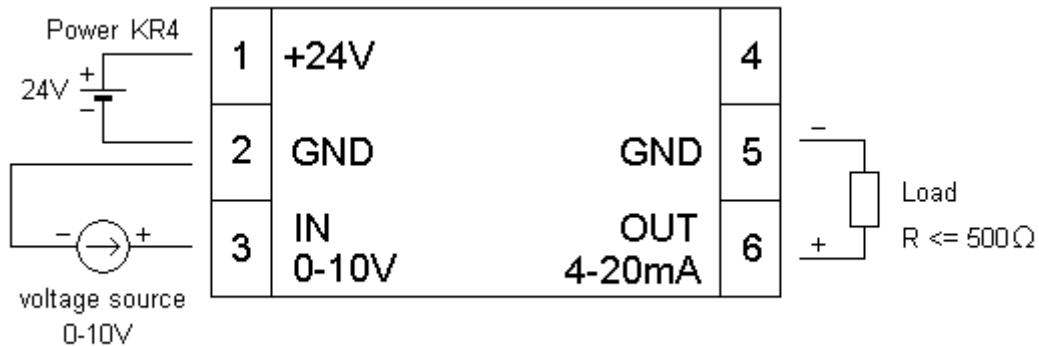
KR4 - U/I

Voltage analog signal converter
0-10V for analog current signal 4-20mA
in a housing for a DIN rail



The KR4-U / I converter is used to convert the analog voltage signal 0-10V to a 4-20 mA analog current signal. The analog input can be supplied with a 0-10V voltage signal produced by any other electrical / electronic device. The signal from the analog output can control any electrical device with a 4-20 mA current input. For example, using the KR4-U / I converter, the voltage output of the PLC can be connected to an external device with a 4-20 mA current input.

Connection diagram of KR4-U/I converter



Terminals 2 and 5 (GND) are internally connected

Technical data KR4 - U/I.

Power supply:

- power supply voltage: **24V +/-20%**
- power consumption: **3mA max + current flowing from the current output**

Voltage input:

- input resistance: **$\geq 220\text{k}\Omega$**

Current output:

- load resistance: **max 500 Ω**

- accuracy of analog signal processing: **+/- 0.2%**
- response / conversion time (10-90%): **0.1sek**
- operating temperature range: **0-65 °C**
- relative humidity range: **0-90% (without condensation)**
- level of security: **IP20**
- work position: **any**
- housing dimensions: **17.5 x 94 x 65 mm**
- assembly: **in a housing for a DIN rail (TS35)**

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