



MV-MI 3x

## Terminal

Plug-screw terminal 8 pin  
max. 2,5 qmm

Adjust gain slope  
Adjust offset / zero  
LED red output value

1: OUT 1: +10V  
MV-MI4x: 10V or 20mA  
(by order)  
2: IN / OUT: -, G0, GND  
3: OUT 2: +20mA  
MV-MI4x: IN 4  
4: IN 1  
5: IN 2  
6: IN 3

7-8: power supply 24V

LED green power supply

## Technical Data

Input voltage DC	0(2) – 10V DC
Input resistance	1 MOhm
Input current DC	0(4) – 20mA DC
Input resistance	50 Ohm (load)
Loop supply 2x sensor with pin5 = +	+22V DC, max.50mA 2 wire sensors 4-20mA
Output 1, pin 1-2	0-10V / 2-10V DC, max.20mA minimal value of input 1-2
Output 2, pin 3-2 load resistor max. 800R	0-20mA / 4-20mA DC minimal value of input 1-2
Precision	0,2%
Power supply	24V AC/DC, +-15%
Power current	max. 60mA
Isolation to supply	1000 Vss
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	PCB mount. TS35, EN50022
Weight	100g
Dimensions	24 x 72 x 94 mm (WxHxD)

Converter / selector for 2x current loop signals (0-20mA or 4-20mA), output minimal value of input 1-2: 10V and 20mA.  
2x 2 wire sensors (4-20mA) are directly supplied: pin 4-5 and pin 5-6 (+ current loop supply pin 5).  
For connection with 2x active 20mA current loop signals, connect minus to pin 2 (GND).  
Electrical isolation to power supply. LED green = power supply, LED red = output value.

### RINCK ELECTRONIC GMBH

Kleekamp 6  
D-27356 Rotenburg (Wümme)  
[www.rinck-electronic.de](http://www.rinck-electronic.de)  
info@rinck-electronic.de

**B 403**

E\_MV-MI

20.11.15

### Mean-value device

	It's possible to order with 3 or 4 inputs
Input 1-3 (4)	0(2) - 10V or 0(4) - 20mA DC (by order)
Output 1	0(2) - 10V DC mean-value of input 1-3 (4)
Output 2	0(4) - 20mA DC “
Power supply	24V AC/DC