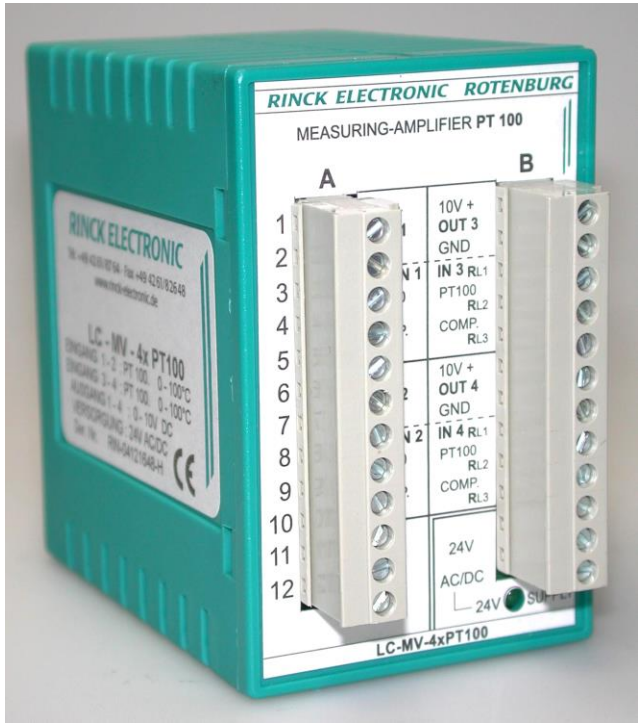

LC-MV-4xPT100

Terminal

Plug-screw terminal
12 pin, max. 1,5 qmm

A/B 1: output 1/3, + 10V
A/B 2: output 1/3, - (GND)
A/B 3: input 1/3, PT100 sensor
A/B 4: input 1/3, PT100 sensor
A/B 5: input 1/3, 3 wire PT100

A/B 6: output 2/4, + 10V
A/B 7: output 2/4, - (GND)
A/B 8: input 2/4, PT100 sensor
A/B 9: input 2/4, PT100 sensor
A/B10: input 2/4, 3 wire PT100

Pin 4-5 and 9-10 are connect together at the RTD sensor

B11-12: power supply 24V

LED green, power supply

Technical Data

Input, channel 1-4	PT100 RTD, 3 wire
2 wire input:	pin4-5, pin9-10 are to connect
3 wire input:	pin4-5, pin9-10 must connect together at the RTD sensor
output, channel 1-4	0-10V DC
Output current	max. 6mA
Temperature range	order value (-50 - +800°C)
	smallest Δt: 50 Kelvin
Precision	0,3%
Linearity	DIN 43 760
Power supply	24V AC/DC, +-15%
Power current	max. 80mA
Isolation supply	500 Vss
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	PCB mount. TS35, EN50022
Weight	120g
Dimensions	48 x 72 x 94 mm (WxHxD)

4 channel converter for 4x PT100 sensor 2 or 3 wire connection to 4x 0-10V standard signal.
Order the PT 100 temperature range, min. -50°C to max. 800°C (for example: 0-100°C: LC-MV-4xPT100.0-100°C).
Electrical isolation to power supply. LED green = power supply.

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B 352.4	E_LC-MV-4xPT100	23.03.15

4 CHANNEL CONVERTER LC-MV-4xPT100. ..

Input 1-4	PT100 temperature sensor
Output 1-4	0-10V DC
Power supply	24 V AC/DC