LC-MV-1xPT100

Terminal

Plug-screw terminal

12 pin, max. 1,5 qmm

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

6-7: power supply 24V

LED green, power supply

Technical Data

Input, Kl.3-5	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, pin1-2	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. 60mA
Isolation supply	500 Vss
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	PCB mount. TS35, EN50022
Weight	80g
Dimensions	24 x 72 x 94 mm (WxHxD)

1 channel converter for 1x PT100 sensor 2 or 3 wire connection (with line lengths correction) to 0-10V standard signal. Order the PT 100 temperature range, min. -50°C to max. 800°C (for example: 0-100°C: LC-MV-1xPT100.0-100°C). Electrical isolation to power supply. LED green = power supply.

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B 352.1	E_LC-MV-1xPT100	23.03.15

1 CHANNEL CONVERTER LC-MV-1xPT100. ..

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