

MIRO TEMP. CONVERTER PT100 - 2 /3-LEAD METHOD

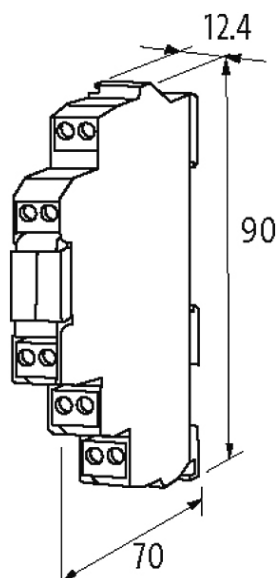
IN: 0°C..+100°C - OUT:0..10 V / (0)4..20 mA

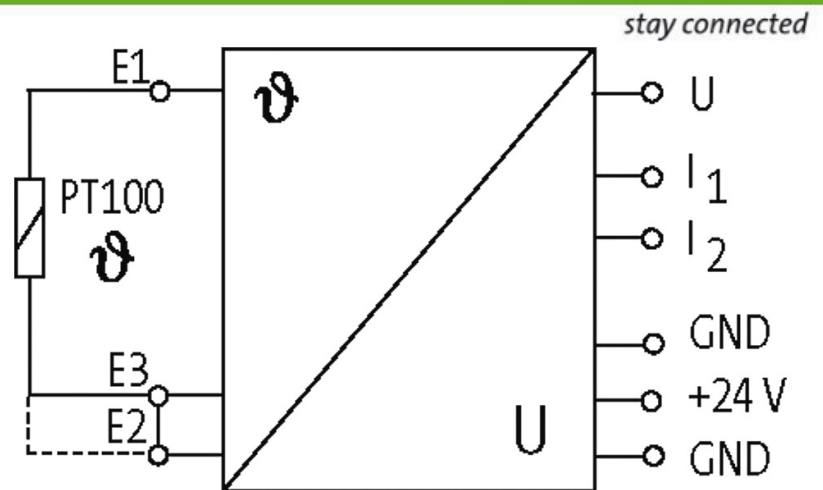
INPUT: 0...100 °C

Screw terminals

[Link to Product](#)

Illustration





Product may differ from Image

Technical Data

Operating voltage	24 V DC (18...30 V DC), smoothed
Operating current	max. 80 mA
Cable resistance (without PT100)	max. 100 Ω (3-wire technology)
Output signals at 0...10 V DC	max. 25 mA, overload protected
Output signals at 0...20 mA	max. 500 Ω RL
Output signals at 4...20 V mA	max. 500 Ω RL
Tolerance	$\pm 1\%$ from end value

General data

Dimensions H x W x D	90x12.4x70 mm
Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+60 °C

Description

Functional description

The Murrelektronik temperature converter module works in conjunction with a temperature sensor PT100 (IEC 751/EN 60751) and converts the temperature into a standard signal format of (0...10 V, 4...20 mA, 0...20 mA). The MTW modules supply a constant current.

Commercial data

country of origin	CZ
customs tariff number	85437090
EAN	4048879028240
eClass	27210990
Packaging unit	1