

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

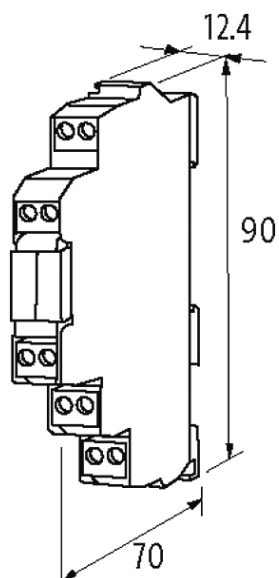
IN: -50°C..+150°C - OUT:0..10 V / (0)4..20 mA

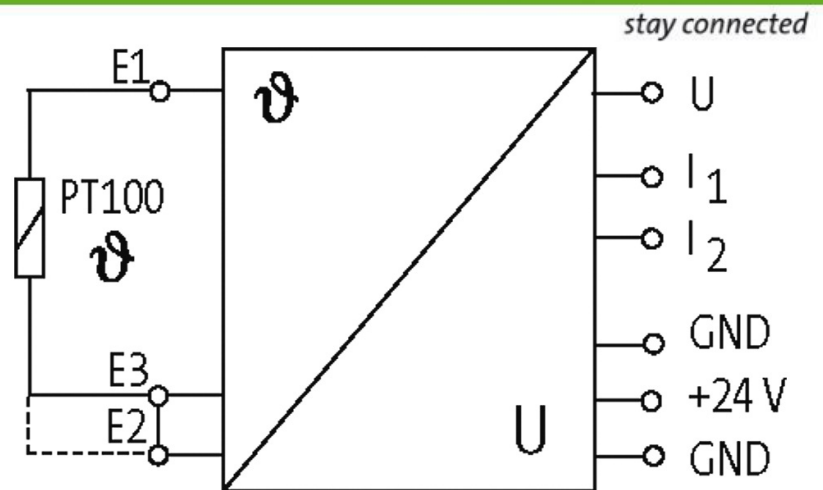
INPUT: -50...+150 °C

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 $\Omega$ (3-wire technology)
Output signals at 0...10 V DC	max. 25 mA, overload protected
Output signals at 0...20 mA	max. 500 $\Omega$ RL
Output signals at 4...20 V mA	max. 500 $\Omega$ 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	4048879028257
eClass	27210990
Packaging unit	1