

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

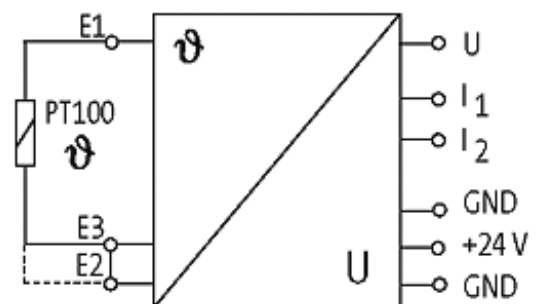
IN:  $-50^{\circ}\text{C}..+150^{\circ}\text{C}$  - OUT:  $0..10\text{ V} / (0)4..20\text{ mA}$

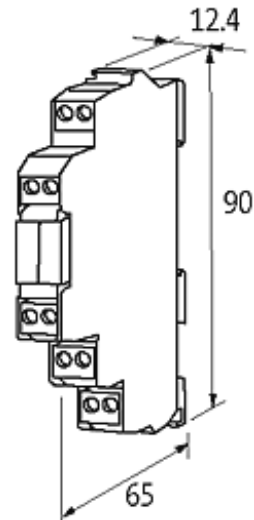
INPUT:  $-50..+150^{\circ}\text{C}$

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 Ohm (3-wire technology)
Output signals at 0...10 V DC	max. 25 mA, overload protected
Output signals at 4...20 V mA	max. 500 Ohm RL
Output signals at 0...20 mA	max. 500 Ohm RL
Tolerance	±1 % from end value

### General data

Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+60 °C
Dimensions H x W x D	70x12.4x80 mm

### 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.
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### Commercial data

country of origin	CZ
customs tariff number	85437090
minimum order quantity	1