

**MUIW ANALOG COUPLER COMPONENT**

IN: 0...10 V - OUT: 4...20 mA

Art.No.: 44233

Weight: 0.171 kg

Country of origin: CZ

Model designation: MUIW 10V ---&gt; 4-20MA

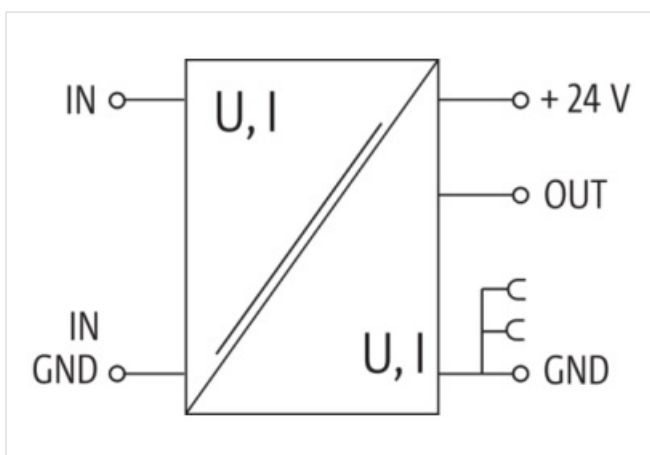
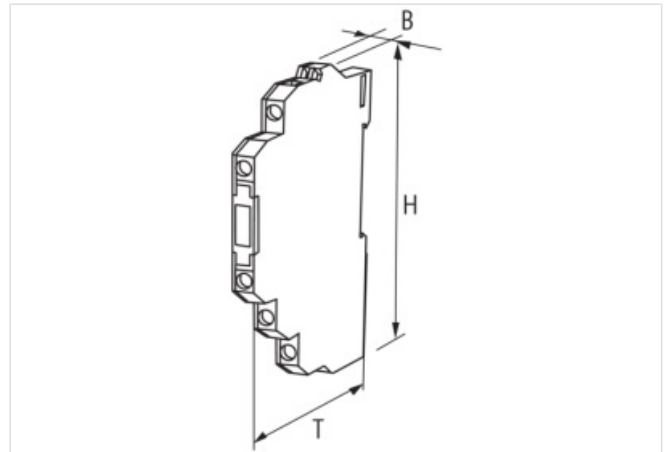
INPUT: 0...10 V DC

OUTPUT: 4...20 mA

Screw terminals

Input and output galvanically separated

The Murrelektronik analog converters convert standard signal formats (0...10 V, 0...20 mA, 4...20 mA) galvanically separated into one of these signal formats. Due to an integrated current limiter the output is short-circuit and overload protected. Module MUIW – 0/4...20 mA to 0/4...20 mA – without auxiliary supply

[Link to Product](#)**Illustration**

Product may differ from Image

**Header**

Material short text

MUIW 10V ---&gt; 4-20mA

**Commercial data**

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| URL Webshop           | <a href="https://shop.murrelektronik.com/44233">https://shop.murrelektronik.com/44233</a> |
| GTIN                  | 4048879028394                                                                             |
| ECLASS-6.0            | 27210990                                                                                  |
| ECLASS-6.1            | 27210990                                                                                  |
| ECLASS-7.0            | 27210990                                                                                  |
| ECLASS-7.1            | 27210990                                                                                  |
| ECLASS-8.0            | 27210990                                                                                  |
| ECLASS-8.1            | 27210990                                                                                  |
| ECLASS-9.0            | 27210990                                                                                  |
| ECLASS-9.1            | 27210990                                                                                  |
| ECLASS-10.0.1         | 27210990                                                                                  |
| ECLASS-10.1           | 27210990                                                                                  |
| ECLASS-11.0           | 27210990                                                                                  |
| ECLASS-11.1           | 27210990                                                                                  |
| ECLASS-12.0           | 27210990                                                                                  |
| ECLASS-13.0           | 27210990                                                                                  |
| ECLASS-14.0           | 27210990                                                                                  |
| ETIM-5.0              | EC002477                                                                                  |
| ETIM-6.0              | EC002477                                                                                  |
| ETIM-7.0              | EC002477                                                                                  |
| ETIM-8.0              | EC002477                                                                                  |
| customs tariff number | 85437090                                                                                  |
| EAN                   | 4048879028394                                                                             |
| Packaging unit        | 1                                                                                         |

**Electrical data**

|                          |       |
|--------------------------|-------|
| Accuracy (of full scale) | 0,5 % |
|--------------------------|-------|

**Electrical data | Supply**

|                           |        |
|---------------------------|--------|
| Operating voltage DC      | 24 V   |
| Operating voltage DC min. | 19,2 V |
| Operating voltage DC max. | 28,8 V |
| Operating current min.    | 50 mA  |
| Operating current max.    | 70 mA  |

**Electrical data | Input**

|                |        |
|----------------|--------|
| Input resistor | 200 kΩ |
|----------------|--------|

**Electrical data | Output**

|                         |         |
|-------------------------|---------|
| Output current max.     | 0,025 A |
| Working resistance max. | 500 Ω   |

**Industrial Communication**

|                             |        |
|-----------------------------|--------|
| Transmission frequency max. | 500 Hz |
|-----------------------------|--------|

**Device protection | Electrical**

|                     |        |
|---------------------|--------|
| Rated surge voltage | 1,5 kV |
|---------------------|--------|

**Mechanical data | Mounting data**

|                            |                           |
|----------------------------|---------------------------|
| Height                     | 91 mm                     |
| Width                      | 6,2 mm                    |
| Depth                      | 71 mm                     |
| Mounting method            | geschnappt                |
| Suitable for mounting type | (EN 60715), mounting rail |

**Environmental characteristics | Climatic**

Operating temperature min. 0 °C

Operating temperature max. 60 °C

#### Connection type 5

Family construction form terminal

No. of poles 1

Gender female

Connection Screw terminals SK

PIN 1 GD 1

Family construction form terminal

No. of poles 1

Gender female

Connection Screw terminals SK

PIN 1 In

Family construction form terminal

No. of poles 1

Gender female

Connection Screw terminals SK

PIN 1 + 24 V DC

Family construction form terminal

No. of poles 1

Gender female

Connection Screw terminals SK

PIN 1 OUT

Family construction form terminal

No. of poles 1

Gender female

Connection Screw terminals SK

PIN 1 GD