

MUIW ANALOG COUPLER COMPONENT

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

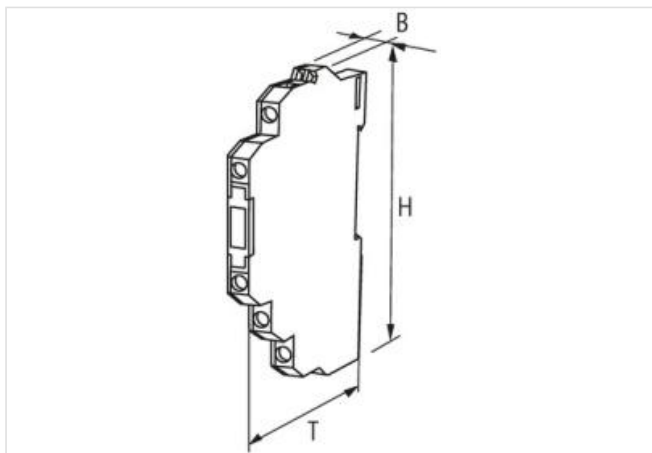
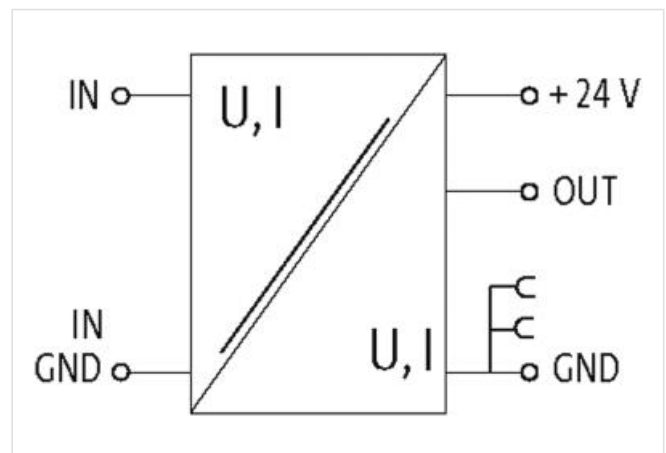
INPUT: 0...10 V DC

OUTPUT: 0...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

**Commercial data**

| | |
|------------|----------|
| ECLASS-6.0 | 27210990 |
| ECLASS-6.1 | 27210990 |
| ECLASS-7.0 | 27210990 |

| | |
|-----------------------|---------------|
| ECLASS-8.0 | 27210990 |
| ECLASS-9.0 | 27210990 |
| ECLASS-10.1 | 27210990 |
| ECLASS-11.1 | 27210990 |
| ECLASS-12.0 | 27210990 |
| ETIM-5.0 | EC002477 |
| customs tariff number | 85437090 |
| GTIN | 4048879028400 |
| 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 | 250 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

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

Environmental characteristics | Climatic

| | |
|----------------------------|-------|
| Operating temperature min. | 0 °C |
| Operating temperature max. | 60 °C |

Connection type 5

| | |
|--------------------------|--------------------|
| Connection | Screw terminals SK |
| Family construction form | terminal |
| Gender | female |
| No. of poles | 1 |
| PIN 1 | GD 1 |
| Connection | Screw terminals SK |
| Family construction form | terminal |
| Gender | female |
| No. of poles | 1 |
| PIN 1 | In |
| Connection | Screw terminals SK |
| Family construction form | terminal |
| Gender | female |
| No. of poles | 1 |
| PIN 1 | + 24 V DC |

| | |
|--------------------------|--------------------|
| Connection | Screw terminals SK |
| Family construction form | terminal |
| Gender | female |
| No. of poles | 1 |
| PIN 1 | Out |
| Connection | Screw terminals SK |
| Family construction form | terminal |
| Gender | female |
| No. of poles | 1 |
| PIN 1 | GD |