

FREQUENCY/VOLTAGE-CURRENT-CONVERTER

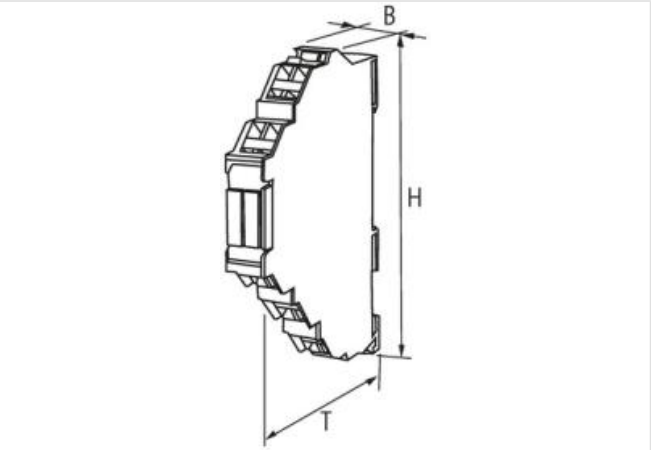
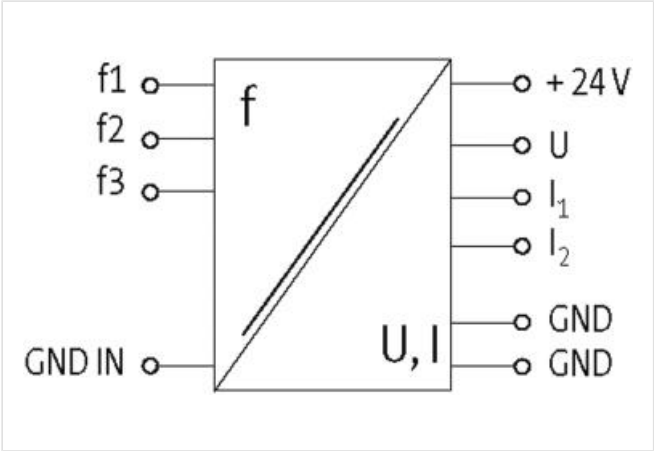
IN: 0..100 kHz - OUT: 0..10 V / (0)4..20 mA

INPUT: 0...1, 0...10, 0...100 kHz
OUTPUT: 0...10 V DC, 0...20 mA, 4...20 mA
Spring clamp terminals
Input and output galvanically separated

The new frequency converter in the slim MIRO housing can be universally used. The frequency that is applied on the three inputs, will be galvanically isolated, transformed and is available as analog signal on all three outputs.

Link to Product

Illustration



Product may differ from Image



| Commercial data | |
|-----------------|----------|
| ECLASS-6.0 | 27210990 |
| ECLASS-6.1 | 27210904 |
| ECLASS-7.0 | 27210904 |
| ECLASS-8.0 | 27210904 |

| | |
|-----------------------|---------------|
| ECLASS-9.0 | 27210904 |
| ECLASS-10.1 | 27210904 |
| ECLASS-11.1 | 27210904 |
| ECLASS-12.0 | 27210904 |
| ETIM-5.0 | EC002653 |
| customs tariff number | 85437090 |
| GTIN | 4048879022392 |
| Packaging unit | 1 |

Electrical data

| | |
|--------------------------|--------|
| Settling time max. | 350 ms |
| 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 max. | 80 mA |

Electrical data | Input

| | |
|--------------------|--------|
| Input current min. | 6 mA |
| Input current max. | 25 mA |
| Input resistor | 1,2 kΩ |

Electrical data | Output

| | |
|------------------------|------|
| Output voltage DC min. | 0 V |
| Output voltage DC max. | 10 V |

Device protection | Electrical

| | |
|---------------------|--------|
| Rated surge voltage | 2,5 kV |
|---------------------|--------|

Mechanical data | Mounting data

| | |
|----------------------------|---------------------------|
| Mounting method | geschnappt |
| Suitable for mounting type | mounting rail, (EN 60715) |
| Height | 92 mm |
| Width | 12,4 mm |
| Depth | 70 mm |

Environmental characteristics | Climatic

| | |
|----------------------------|--------|
| Operating temperature min. | -25 °C |
| Operating temperature max. | 50 °C |

Connection type 5

| | |
|--------------------------|---------------------------|
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | green |
| No. of poles | 2 |
| PIN 1 | + 24 V DC |
| PIN 2 | GD |
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | green |
| No. of poles | 2 |
| PIN 1 | I 2 |
| PIN 2 | GD |
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |

| | |
|--------------------------|---------------------------|
| Gender | female |
| Color contact carrier | green |
| No. of poles | 2 |
| PIN 1 | U |
| PIN 2 | I 1 |
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | green |
| No. of poles | 2 |
| PIN 1 | f 3 |
| PIN 2 | GD 1 |
| Connection | Spring clamp terminals FK |
| Family construction form | terminal |
| Gender | female |
| Color contact carrier | green |
| No. of poles | 2 |
| PIN 1 | f 1 |
| PIN 2 | f 2 |