

FREQUENCY/VOLTAGE-CURRENT-CONVERTER

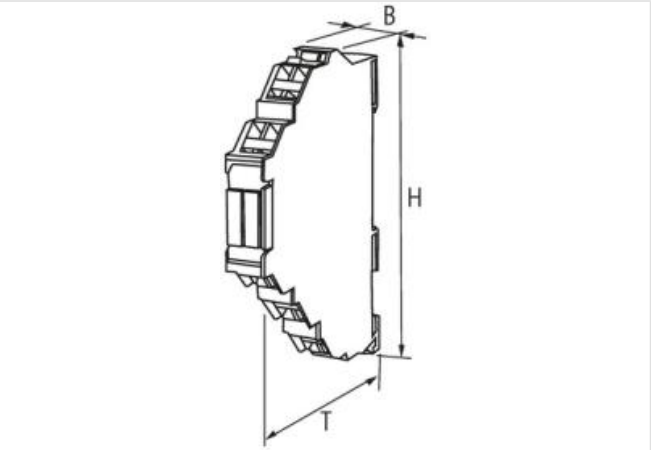
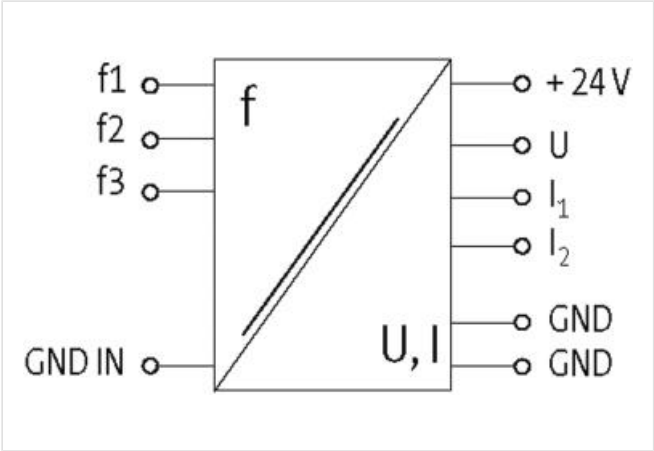
IN: 0..100 kHz - OUT: 0..10 V / (0)4..20 mA

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
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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