

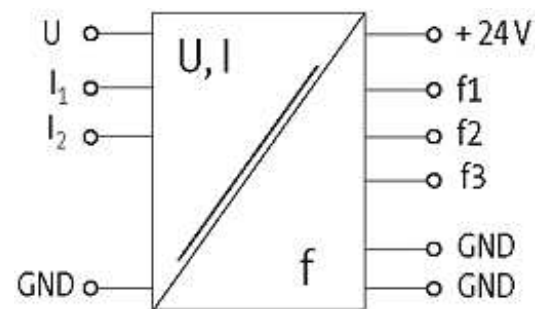
## MUIFW ANALOG COUPLER COMPONENT

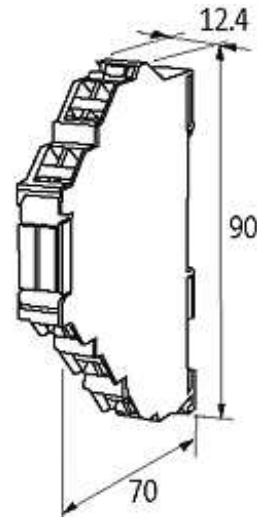
IN: 0..10 V / (0)4..20 mA - OUT: 0..100 kHz

INPUT: 0...10 V DC, 0...20 mA, 4...20 mA  
 OUTPUT: 0...1 kHz, 0...10 kHz, 0...100 kHz  
 Spring clamp terminals

### [Link to Product](#)

#### Illustration





Product may differ from Image

### General data

|                        |                               |
|------------------------|-------------------------------|
| Test isolation voltage | 1.5 kV                        |
| Mounting method        | DIN-rail mountable (EN 60715) |
| Temperature range      | -25...+50 °C                  |
| Dimensions H × W × D   | 85×12.4×70 mm                 |

### Technical Data

|                   |                      |
|-------------------|----------------------|
| Operating voltage | 24 V DC ±20 %        |
| Operating current | max. 60 mA           |
| Tolerance         | 0.5 % from end value |

### Voltage inputs

|                |                  |
|----------------|------------------|
| Input voltage  | 0...10 V DC      |
| Input resistor | approx. 100 kOhm |

### Current input signals

|                |                      |
|----------------|----------------------|
| Input current  | 0...20 mA, 4...20 mA |
| Input resistor | approx. 75 Ohm       |

### Voltage output signals

|                |                                    |
|----------------|------------------------------------|
| Output signal  | 0...1 kHz, 0...10 kHz, 0...100 kHz |
| Output voltage | 0.5 V (short-circuit protected)    |

### Description

|                        |   |
|------------------------|---|
| Functional description | The new frequency converter in the slim MIRO housing can be universally used. An analog voltage or current, on one of the three inputs, is galvanically isolated, transformed and is at the same time available as square wave voltage (frequency) on all three |
|------------------------|---|

### Commercial data

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