

Terminal

Plug-screw terminal 8pin
max. 2,5 qmm

Adjust gain slope
Adjust offset / zero

LED output

1: output + 10V

2: output - GND

3: output + 20mA

MU-F.. . . .:

4: in pulse, +

5: in pulse, -

6: out +22V DC

(ext. transmitter - = pin.2)

MU-F-INI.. . . .:

4: in Namur sensor, +

5: in Namur sensor, -

7-8: supply 24V AC/DC

LED power supply

MU-F..

Converter frequency to voltage / current. Order the input range and the output 0-10V / 0-20mA or 2-10V / 4-20mA.
MU-F... = input optocoupler can be controlled by voltage. If the transducer has a contact or transistor output: connect pin 6 and pin 4 to the contact / transistor and connect pin 5 to pin 2. MU-F-INI... = input NAMUR sensor, pin 4-5.
Electrical isolation to power supply. Order input and output value for the calibration.

Technical Data

Input, pin 4-5
optocoupler

3-30 V DC

max. 6mA

0-... Hz or kHz, max. 50 kHz

+22V DC, max. 30mA

Output MU-F.., pin 6

(return - pin 2)

Input MU-INI...

(+ pin4, - pin5)

Namur sensor

8V, switch <0,7mA, >2mA

Output, pin 1-2

Output, pin 2-3

Output load resistor

0-10V (2-10V)DC, max. 20mA

0-20mA (4-20mA)DC

max. 800 ohm, pin 2-3

0.3%

24V AC/DC, +-15%

max. 70mA

500 Vss

Isolation in - out - supply

Operating temperature

-10 - +50°C

Storage temperature

-30 - +80°C

Construction

PCB mount. TS35, EN50022

Weight

110g

Dimensions

24 x 72 x 94 mm (WxHxD)

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E_MU-F

27.05.15

CONVERTER FREQUENCY MU-F.. . . MU-F-INI.. . .

Input

Output

Power supply

Frequency / pulse, order input - output declaration

0-10V, 0-20mA or 2-10V, 4-20mA DC

24 V AC/DC