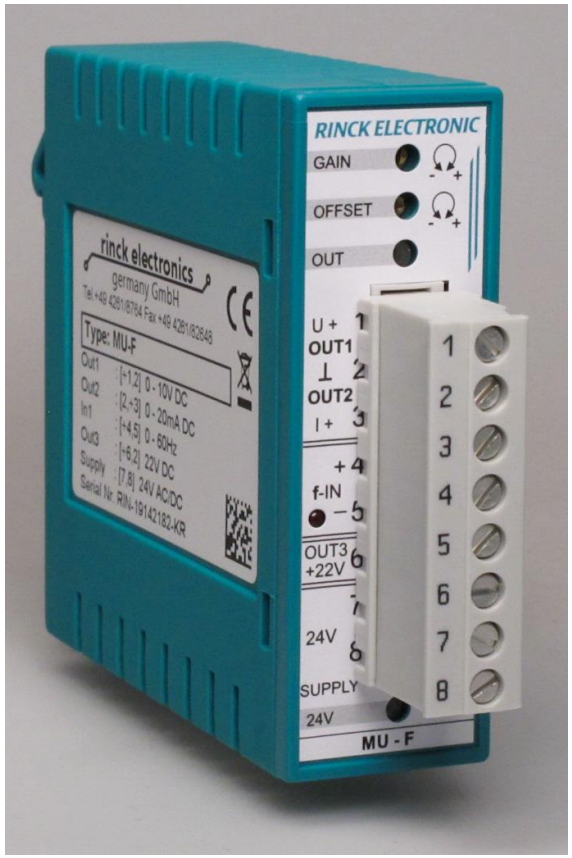

Terminal

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

Technical Data

Input, pin 4-5	3–30 V DC
optocoupler	max. 6mA
input frequency	0-…. Hz or kHz, max. 50 kHz
Output MU-F.., pin 6	+22V DC, max. 30mA
(return – pin 2)	
Input MU-INI...	Namur sensor
(+ pin4, - pin5)	8V, switch <0,7mA, >2mA
Output, pin 1-2	0-10V (2-10V)DC, max. 20mA
Output, pin 2-3	0-20mA (4-20mA)DC
Output load resistor	max. 800 ohm, pin 2-3
Precision	0,3%
Power supply	24V AC/DC, +-15%
Power current	max. 70mA
Isolation in – out - supply	500 Vss
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)

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.

rinck electronics germany GmbH
Trinidadstraße 6
D-27356 Rotenburg (Wümme)
www.rinck-electronics.de
info@rinck-electronics.de

B 413	E_MU-F	05.04.19

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

Input	Frequency / pulse, order input – output declaration
Output	0-10V, 0-20mA or 2-10V, 4-20mA DC
Power supply	24 V AC/DC