

MI FN - Analog Signals to Frequency Converter

◆ Specifications ◆

- Accuracy:** $\pm 0.5\%$ F.S.
- Power supply:** 12 or 24 $\pm 15\%$ DC.
- Input:**
- current DC: 4 \pm 20mA;
 - current AC: 0-5A (current wire passes through current transformer);
 - voltage DC: 0 \pm 5V, 0 \pm 10V;
 - temp. sensor PT-100.
- Output:** 0-1KHz up to 0-10KHz,
transistor O.C. pulses at frequency proportionally to input signal,
- Option:** isolation between input and output
- Ambient Temp.:** -20 \div +65 °C
- Enclosure:** W25 X L93 X H79 mm plastic case
- Connection:** screw terminals for 2.5 mm² wires max
- Mounting:** 35mm DIN-rail
- Protection category:** IP-40



◆ Description ◆

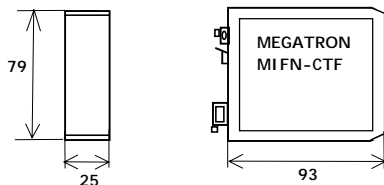
MI FN converts analog input signals: current DC, AC (current wire passes through current transformer)/ voltage DC / temp.sensor PT-100, to pulses 0 \pm 1KHz or others. MI FN is used to connect an analog output to a PLC without analog input.

Attention!! The current transformer is not removable part of model MI FN-CAC.

◆ Calibration ◆

The unit is calibrated according to customer requirements.

◆ Dimension ◆

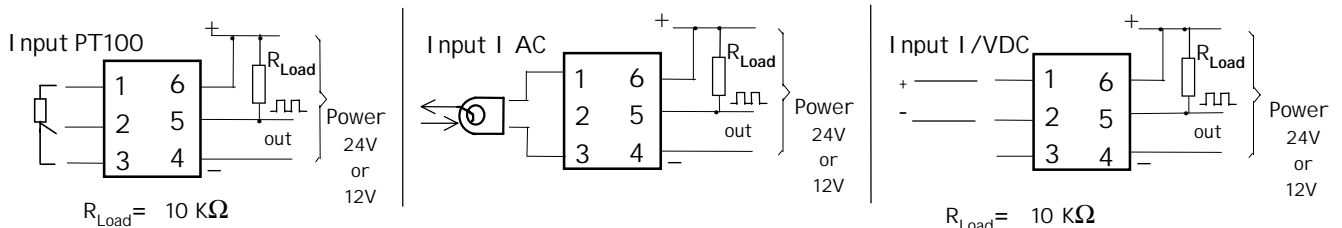


◆ Models ◆

* Order	Convert	Input	Output
MI FN - CTF	current DC to frequency	4 \pm 20 mA, $R_{in} < 50 \Omega$	
MI FN - UTF	voltage DC to frequency	0 \pm 10 V, $R_{in} = 1 M\Omega$	
MI FN - PT100	RTD to frequency	PT-100	
MI FN - CAC	current AC to frequency	0 \pm 5 A	

* **Option:** MI FN-I includes isolation between input and output.

◆ Connection ◆



MI FN -P-2-06-E

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Manufactures & Representatives for Control Equipment



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