

# MI SCN -24 - 4 wire isolated Transmitter



## ◆ Description ◆

MISCN-24 -Transmitter converts different input signals (I/V, DC) to standard signal 4÷20mA or 0÷10V or others. The unit has galvanic isolation between the input and output and the power supply.

## ◆ Specifications ◆

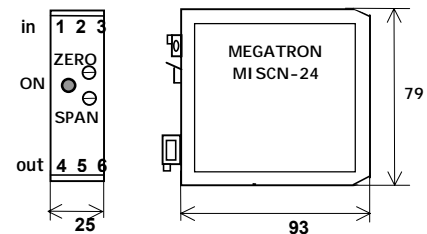
- Accuracy: ± 0.1% F.S.
- Power supply: 48 or 24 or 12 VDC
- Input: 4÷20 mA or 0÷300 VDC or others
- Output: 4÷20 mA or 0÷10 V or others
- Galvanic isolation between in & out: 1000 VDC
- Display: LED indicates power ON
- Ambient Temp.: -20 ÷ + 60°C
- Enclosure: plastic case UEGM25
- Size: W 25 x H 93 x L 79 mm .
- Connection: 2 terminals x 3 pin
- Mounting: DIN -rail
- Protection: IP40

Models	Transmission	Input (POWER 24VDC)	Output
<b>MISCN-24- CTC</b>	<b>DC Current</b>	4÷20 mA $R_{in} < 25 \Omega$	4 ÷20 mA $R_{LOAD} < 650 \Omega$
<b>MISCN-24- CTV</b>			0 ÷10 V $R_{LOAD} > 500 \Omega$
<b>MISCN-24- VTC</b>	<b>DC Voltage</b>	0÷60 mV / 0-1V / 0-5V / 0-10V $R_{in} > 10 M\Omega$	4 ÷20 mA $R_{LOAD} < 650 \Omega$
<b>MISCN-24- VTV</b>			0 ÷10 V $R_{LOAD} > 500 \Omega$
<b>MISCN-24...- HI</b>	<b>VDC Hi Impedance</b>	$R_{in} > 100 M\Omega$	As above

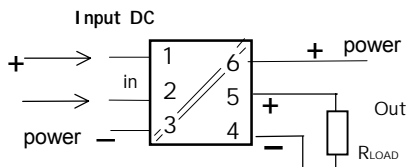
## ◆ Calibration ◆

The device is calibrated according to customer requirements.  
Output signal can be adjusted by ZERO and SPAN potentiometers installed on the front panel.  
- Adjust output signal by ZERO to obtain min. value when input signal is minimum. Adjust output by SPAN to obtain max. value when input signal is maximum.  
- Repeat calibration.

## ◆ Dimensions ◆

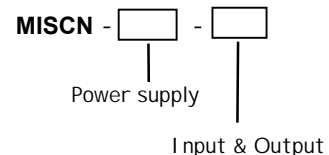


## ◆ Connection ◆



Power supply: (+) 6, (-) 3  
Input: (+) 1, (-) 2  
Output: (+) 5, (-) 4

## ◆ Ordering information ◆



Sample: **MISCN-12-VTC**  
Power 12VDC - Input V: 0-5VDC.  
Output C: 4-20mA  
When ordering power supply and input /output to be defined.

MI SCN-24-S-1-08-E

