

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

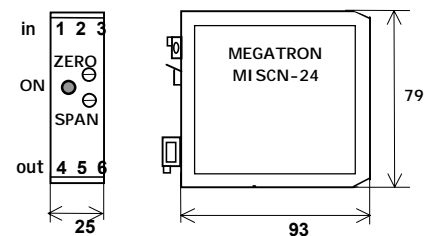
◆ Calibration ◆

The device is calibrated according to customer requirements.

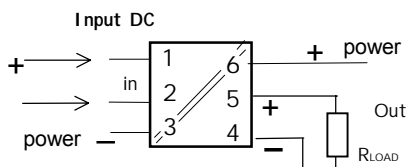
Output signal can be adjusted by ZERO and SPAN potentiometers installed on the front panel.

- 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 ◆

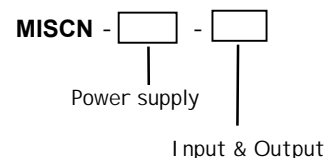


◆ Connection ◆



- 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

