

CMIG40

MEASUREMENT CONVERTER GALVANIC ISOLATION 4KV



DESCRIPTION

In many industrial processes, it can be necessary to convert or condition an analog signal between input and output stages while maintaining a high galvanic isolation. The CMIG40 Voltage-to-Current and Current-to-Voltage converter makes it possible with a good precision level and a low temperature drift. CMIG40 stands for 40000Vrms of galvanic isolation. This product generation is equipped with an extended AC/DC power supply.



FEATURES

INPUT 1 - voltage

- 0-10V
- +-10V
- 0-100mV
- 0-20mA
- 4-20mA
- Specific : from 0-0,1V to 100V or from 0-1mA to 5A
- Specific High Voltage : from 0-101V to 2000V

OUTPUT 1 - voltage

- 0-10V
- +-10V
- Specific : from 0-0,1V to 10V
- No Output 1 Voltage

OUTPUT 2 - voltage

- Same as Output 1 Voltage
- 0-20mA
- 4-20mA
- No Output 2 Voltage

POWER SUPPLY

- 70 to 260 Vac (100 to 350 Vdc / 8VA)
- 48Vdc (+-10% / 3VA max.)
- 24Vdc (+-10% / 3VA max.)

GALVANIC ISOLATION

- > 4000 Vrms for : IN / OUT & Supply
- > 4000 Vrms for : OUT / Supply (for Supply = 115 or 230Vac)
- > 1500 Vrms for : OUT / Supply (for Supply = 24 or 48Vdc)

ACCURACY

- > 0.1% Full Scale

TEMPERATURE RANGE

- -25 to 70°C

TEMPERATURE DRIFT

- < 50ppm/C°

TEMPERATURE OF CALIBRATION

- 20 to 25°C

PRICE On quote only

WEB LINK [Click here](#)

SECTOR ENERGY | ALL INDUSTRIES

USAGE ALUMINIUM ELECTRICAL TEAM

WEIGHT 750 g

LENGTH 121 mm

WIDTH 100 mm²

HEIGHT 73 mm³ (µl)

CUSTOMS CODE 90 30 39 00 91

C. OF ORIGIN France

GUARANTEE 1 year

CERTIFICATION CE

CONTACT commercial@serem-electronics.com

CMIG40

MEASUREMENT CONVERTER GALVANIC ISOLATION 4KV



MAGNETIC FIELDS

- up to 400 Gauss in X, Y, Z dimensions

CASING

- Polycarbonate case for DIN profile with junctions by screw terminals