

CMIG35

MEASUREMENT CONVERTER GALVANIC ISOLATION



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 CMIG35 Voltage-to-Current and Current-to-Voltage converter makes it possible with a good precision level and a low temperature drift.

CMIG35 stands for 3500 Vrms of galvanic isolation. It is the most accurate converter in the CMIG collection.

FEATURES

INPUT 1 - voltage

- +-10V
- +-100mV
- 0-20mA
- 0-10V
- 0-100mV
- 4-20mA
- Specific : from 0-0,1V to 100V or from 0-1mA to 5A
- Specific High Voltage : from 0-101V to 1200V

OUTPUT 1 - voltage

- +-10V
- 0-20mA
- 0-10V
- 0-100mV
- 4-20mA
- Specific : from 0-0,1V to 10V

POWER SUPPLY

- 115Vac (-15%, +10% / 45 to 65Hz / 4VA max.)
- 230Vac (-15%, +10% / 45 to 65Hz / 3VA max.)
- 24Vdc (+-10% / 3VA max.)
- 48Vdc (+-10% / 3VA max.)

GALVANIC ISOLATION

- > 3500 Vrms for : IN / OUT / AUX. SUPPLY

ACCURACY

- > 0.1% L from 20 to 100% Full scale

TEMPERATURE RANGE

- -25 to 70°C

TEMPERATURE DRIFT

- < 25ppm/°C

TEMPERATURE OF CALIBRATION

- 20 to 25°C

MAGNETIC FIELDS

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

PRICE On quote only

WEB LINK [Click here](#)

SECTOR ENERGY | ALL INDUSTRIES

USAGE ALUMINIUM ELECTRICAL TEAM

WEIGHT 550 gramme

LENGTH 121 mm

WIDTH 100 mm

HEIGHT 73 mm

CUSTOMS CODE 90 30 33 70

C. OF ORIGIN France

GUARANTEE 1 year

CERTIFICATION CE

CONTACT commercial@serem-electronics.com

CMIG35

MEASUREMENT CONVERTER GALVANIC ISOLATION



CASING

- Polycarbonate case for DIN profile with junctions by screw terminals