

CMIG35

MEASUREMENT CONVERTER GALVANIC ISOLATION



DESCRIPTION

In many industrial processess, 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.



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 73 mm **HEIGHT CUSTOMS CODE** 90 30 33 70 C. OF ORIGIN France **GUARANTEE** 1 year CE **CERTIFICATION** commercial@serem-electronics.com CONTACT

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

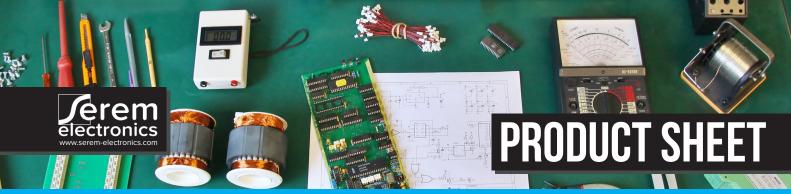
• < 25ppm/°C

TEMPERATURE OF CALIBRATION

• 20 to 25°C

MAGNETIC FIELDS

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



CMIG35

MEASUREMENT CONVERTER GALVANIC ISOLATION





CASING

• Polycarbonate case for DIN profile with junctions by screw terminals