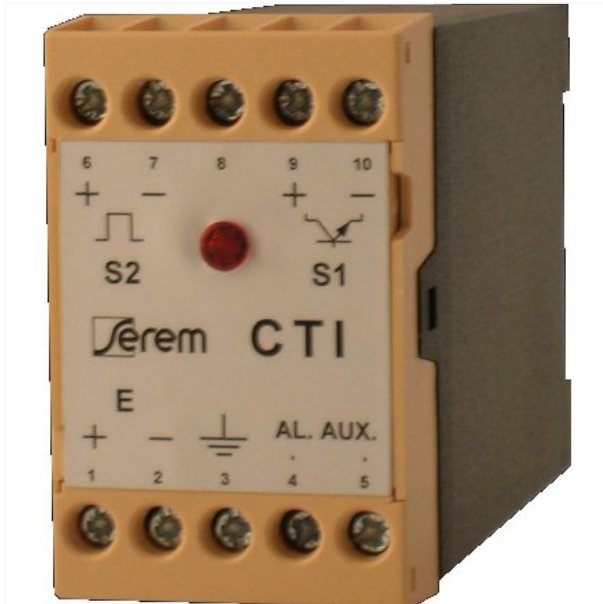


CTI

HIGH PRECISION VOLTAGE/IMPULSE CONVERTER



DESCRIPTION

The CTI allows the conversion of an analogic signal into impulses by taking into account the criteria of stability and galvanic isolation.

Output Impulse duration : 100ms
Division factor programmable by micro-switch

FEATURES

INPUT 1 - voltage

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

OUTPUT 1 - voltage

- Open Collector (50mA /60V max.)

OUTPUT 2 - voltage

- 0-24V (800mW max.)
- No Output 2 Voltage

POWER SUPPLY

- 230VAC (-15%, +10% / 45 to 65HZ / 4VA max.)
- 115VAC (-15%, +10% / 45 to 65HZ / 4VA max.)

GALVANIC ISOLATION

- > 1500 Vrms for : Aux. Supply / Ground
- > 3000 Vrms for : IN / OUT, IN & OUT / AUX. SUPPLY

ACCURACY

- > 0.1% FS from 50 to 100% Full scale
- > 0.2% FS from 20 to 100% Full scale

TEMPERATURE RANGE

- -25 to 70°C

TEMPERATURE DRIFT

- < 50ppm/°C

TEMPERATURE OF CALIBRATION

- 20 to 25°C

MAGNETIC FIELDS

- up to 150 Gauss in X, Y, Z dimensions

CASING

- Polycarbonate case for DIN profile with junctions by screw terminals

PRICE On quote only

WEB LINK [Click here](#)

SECTOR ALL INDUSTRIES

USAGE MEASUREMENT

WEIGHT 300 g

LENGTH 121 mm

WIDTH 45 mm

HEIGHT 73 mm

CUSTOMS CODE 90 30 39 00 91

C. OF ORIGIN France

GUARANTEE 1 year

CERTIFICATION CE

COMMERCIAL commercial@serem-electronics.com