

SA14

14 CHANNELS ANALOG ADDER



DESCRIPTION

For some of the measuring equipment, it is sometimes necessary to add several analog signals of current or voltage type.

The SA14 summer module deals with this function by taking into account the criteria of accuracy, temperature drift, and galvanic isolation.

FEATURES

CONFIGURATION

- 8 channels
- 9 channels
- 10 channels
- 11 channels
- 12 channels
- 13 channels
- 14 channels

INPUT 1 - voltage

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

OUTPUT 1 - configuration

• $O = (K1 \times I1 + k2 \times I2 + \dots + K14 \times I14) \times K$
(K, K1 to K14 to adjust on Purchase Order)

OUTPUT 1 - voltage

- 0-10V
- +-10V
- Specific : from 0-0,1V to 10V

OUTPUT 2 - current

- 0-20mA
- 4-20mA
- Specific : from 0-1mA to 25mA
- No current output

OUTPUT 3 - frequency

- 0-10KHz / 0-24V
- 0-50kHz / 0-24V
- Specific : from 0-1KHz to 100KHz / 0-24V
- No frequency output

POWER SUPPLY

- 90 to 260VAC or 125 to 350VDC

PRICE	On quote only
WEB LINK	Click here
SECTOR	ALL INDUSTRIES
USAGE	
WEIGHT	1300 g
LENGTH	200 mm
WIDTH	137 mm ²
HEIGHT	123 mm ³ (µl)
CUSTOMS CODE	90 30 39 00 91
C. OF ORIGIN	France
GUARANTEE	1 year
CERTIFICATION	CE
CONTACT	commercial@serem-electronics.com

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GALVANIC ISOLATION

- > 3 500 Vrms for: INPUT & OUTPUT / Supply
- > 1 500 Vrms for: INPUTx / INPUTy, and INPUTS / OUTPUTS

ACCURACY

- > 0.1% L 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