

## SA7

## 7 CHANNEL ANALOG ADDER



### DESCRIPTION

In many industrial processes, it's necessary to add up analog signals.

The converter SA7 makes it possible with a high accuracy, a low temperature drift, and a high galvanic isolation.

### FEATURES

#### CONFIGURATION

- 2 channels
- 3 channels
- 4 channels
- 5 channels
- 6 channels
- 7 channels

#### INPUT 1 - voltage

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

#### OUTPUT 1 - configuration

•  $O = (K1 \times I1 + k2 \times I2 + \dots + K7 \times I7) \times K$   
(K, K1 to K7 to adjust on Purchase Order)

#### OUTPUT 1 - voltage

- 0-10V
- +-10V
- Specific : from 0-0,1V to 10V
- No voltage output

#### 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** 1100 g

**LENGTH** 200 mm

**WIDTH** 121 mm

**HEIGHT** 73 mm

**CUSTOMS CODE** 90 30 39 00 91

**C. OF ORIGIN** France

**GUARANTEE** 1 year

**CERTIFICATION** CE

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### **GALVANIC ISOLATION**

- > 3 500 Vrms for: IN & OUT / Supply
- > 1 500 Vrms for: Ix / Iy, and IN / OUT

### **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