

## MFPB5

## LOW PASS FILTER



### DESCRIPTION

In some industrial processes, undesirable frequencies interfere with the measurement chains.

The 5th order low pass filter MFPB5 is very useful to prevent these interferences.

This instrument has a voltage and/or a current output.

The filter is a 5th order low pass (Butterworth type).



### FEATURES

#### INPUT 1 - voltage

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

#### INPUT 1 - frequency

- Cutoff frequency : 5Hz
- Specific Cutoff frequency : from 0,1Hz to 1KHz

#### INPUT 1 - option

- Adjustable cutoff frequency by potentiometer
- No Option 1

#### OUTPUT 1 - voltage

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

#### OTHER FEATURES

- Ouput's offset : adjustable on demand (+-3% by potentiometer)

#### POWER SUPPLY

- 230VAC (-15%, +10% / 45 to 65Hz / 3VA max.)
- 115VAC (-15%, +10% / 45 to 65Hz / 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

**PRICE** On quote only

**WEB LINK** [Click here](#)

**SECTOR** ALL INDUSTRIES

**USAGE** PRODUCTION

**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](mailto:commercial@serem-electronics.com)

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### MAGNETIC FIELDS

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

### CASING

- Polycarbonate case strapped onto DIN rail with junctions by screw terminals

