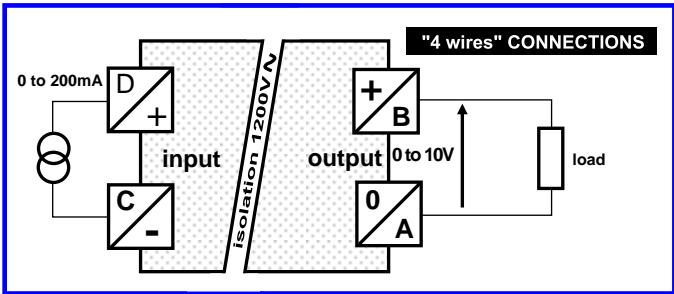


Isolation assured - Power supply eliminated - Reduced cabling - Increased reliability - Reduced volume & costs



This high-efficiency "passive" quadripole converts, isolates and outputs within 0 to 10V analog signals from 0 to 200mA applied to its input. It does not require any external power supply.

**Input**

- 0 to 200 mA (accidental maximum: 400 mA / second) \*
- sensitivity: better than 0.5% of full scale

**Output**

- output signal: 0 to 10V (load  $\geq$  5 k $\Omega$ ) \*
- regulation upon no load / on load: better than  $2 \cdot 10^{-3}$

\* **Upon request:** other input current and/or output voltage

**Full-scale accuracy** better than 0.2%

**Response time** < 5 ms; can be increased **upon request**

**Isolation** 1200V

**Voltage on the input loop** less than 2.2V for input current 200 mA

**Power supply** only by the low energy taken on the input loop

**Protections**


- against reversal of connections on the input
- against accidental overvoltage on input: up to 300 mA
- against overloads and short-circuits
- isolation: 1200 V
- increased reliability because of no external power supply
- against vibrations; tropicalisation with moulding
- elimination of the faulty-contact risk (no DIL switch)
- negligible temperature rise (high performance conversion)
- electromagnetic compatibility CEM 89 / 336 / CE

**Temperatures**

- coefficient: <  $2 \cdot 10^{-4}$  /  $^{\circ}\text{C}$
- operation: -20 $^{\circ}\text{C}$  to +60 $^{\circ}\text{C}$
- storage: -40 $^{\circ}\text{C}$  to +90 $^{\circ}\text{C}$

**Presentations** 3 types of cases

SKU	Pre-tax price
0-200 mA B / 0-10V RD	
0-200 mA B / 0-10V CI	
0-200 mA B / 0-10V P	



**SELF-POWERED**  
analog signal  
**CONVERTER**

Isolation: 1200V

Response time: < 5 ms

Precision: 0.2 %

$\Delta V$  on input loop: < 2.2V


serial No. \_\_\_\_\_

SKU: 0 - 200mA B / 10V RD

Made in France

CE

**Case for DIN rail: 66 x 53 x 12.5 mm**  
**SKU: 0-200mA B / 10V RD**



**ANALOG CONVERTER**  
self-powered - isolation 1200V  
0 to 200mA  $\rightarrow$  0 to 10V

input

0 to 200mA

$\Delta V < 2.2V$

output


0 to 10V

serial No. \_\_\_\_\_

SKU: 0-200mA B/10V CI

Made in France

**Case for PRINTED CIRCUIT: 50.8 x 50.8 x 11 mm**  
**SKU: 0-200mA B / 10V CI**



**Analog Converter**  
self-powered  
isolation 1200V

input

0 to 200mA

$\Delta V < 2.2V$

output

0 to 10V

serial No. \_\_\_\_\_

SKU: 0-200mA B/10V P

Made in France

**Case for WALL mounting: 50.8 x 50.8 x 11 mm**  
**SKU: 0-200mA B / 10V P**

Please also see our other self-powered products

- current / voltage version:
  - ♦ 0 to 20mA (or 4 to 20mA)  $\rightarrow$  0 to 10V "ZERO INTERFERENCE"
  - ♦ 0 to 20mA  $\rightarrow$  0 to 10V
  - ♦ 0 to 2A  $\rightarrow$  0 to 10V
  - ♦ 0 to 5A  $\rightarrow$  0 to 10V
- current / current version:
  - ♦ 0 to 100mA  $\rightarrow$  0 to 100mA