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 ≥ 5 kΩ) *
- regulation upon no load / on load: better than 2.10⁻³

* 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: < 2.10⁻⁴ / °C
- operation: -20°C to +60°C
- storage: -40°C to +90°C

**Presentations** 3 types of cases

<table>
<thead>
<tr>
<th>SKU</th>
<th>Pre-tax price</th>
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<tbody>
<tr>
<td>0-200 mA B / 10V RD</td>
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<tr>
<td>0-200 mA B / 10V CI</td>
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<tr>
<td>0-200 mA B / 10V P</td>
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**Please also see our other self-powered products**
- current / voltage version:
  - 0 to 20mA (or 4 to 20mA) ➔ 0 to 10V “ZERO INTERFERENCE”
  - 0 to 20mA ➔ 0 to 10V
  - 0 to 2A ➔ 0 to 10V
  - 0 to 5A ➔ 0 to 10V
- current / current version:
  - 0 to 100mA ➔ 0 to 100mA