This mini-module with triple isolation (3000V~) precisely and rapidly amplifies (or reduces) non-standard input signals. The input range is defined by customer when ordering.

**Input**  
Vin = 0 to value of your choice (from 500mV to maximum 1000V)

**Output**  
0 to 20mA, on load ≤ 500Ω

**Accuracy**  
better than 0.2%

**Regulation**  
< 10⁻⁴, with load varying from 0 to 500Ω

**Ripple**  
< 300 µA

**Response time**  
< 2 ms (can be increased upon request)

**Isolations**  
Triple

**Power supply voltage**
- standard, 24V DC ±5% / ± 28mA / 500Ω on load and ≤ 15mA under no load
- optional power supply:
  - 24V~ or 110V~ or 230V~ ±10% / 48Hz to 400Hz
  - 5V or 12V or 48V DC

**Possible load**  
0 to 500Ω maximum

**Protocols**
- against inverted connections on the input and power supply
- against accidental overvoltage on input: 2 V_in
- against overloads and short-circuits
- against bipolar overvoltages on the output
- isolations 3000V~
- against vibrations, and tropicalisation: with moulding
- sealing IP67, except connections
- 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

**Three modules**
- DIN rail mounting (RD)
- wall mounting with external connector and 2 M3 screws (P)
- mounting on printed circuit PCB, connecting pins 1mm (C)

**Optional**
- all-aluminium cases, 89 x 35 x thickness 16 or 30mm, with three mounting possibilities (M)

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**Voltage conversion with input defined by customer**

Voltage conversion with input defined by customer produces 0 to 20mA output; multiple protections; easy set-up; economical.

**Voltage conversion**
- Isolated analog signal conversion
- Voltage conversion: input defined by customer

**Dimensions of the cases (mm) - Weight (grams)**

<table>
<thead>
<tr>
<th>SKU</th>
<th>Mounting on DIN rail (RD)</th>
<th>Mounting on wall (P)</th>
<th>Center distance between 2 M3</th>
<th>Mounting on printed circuit (C)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dimensions / Weight</td>
<td>Dimensions / Weight</td>
<td>Center distance / Weight</td>
<td>Dimensions / Weight</td>
</tr>
<tr>
<td>0-.. / 0-20 RD</td>
<td>66 x 11</td>
<td>53 x 9</td>
<td>12.5</td>
<td>35g</td>
</tr>
<tr>
<td>0-.. / 0-20 P</td>
<td>50.8 x 25.4 x 11</td>
<td>25.4 x 10</td>
<td>11</td>
<td>35g</td>
</tr>
<tr>
<td>0-.. / 0-20 C</td>
<td>53 x 9</td>
<td>12.5</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Weight (grams)**
- 0-.. / 0-20 RD: 65g
- 0-.. / 0-20 P: 35g
- 0-.. / 0-20 C: 35g

**Pre-tax price**
- 0-.. / 0-20 RD: 50,8
- 0-.. / 0-20 P: 35g
- 0-.. / 0-20 C: 35g

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**Isolated CONVERTER Voltage (of your choice) Current 0 to 500mV < voltage ≤ 1000V → 0 to 20mA — Triple isolation**

- **ELECDAN Converter ZI 09300 BELESTA France – info@elecdan-converter.com – Capital 152 459€ – Siret 3003219000021 – RC FOIX 7487 – APE 332B – EU VAT FR8830032109**