Analog Signal Conditioners

Flexibility and Accuracy in Diverse Applications

ACT20P-PRO DCDC II

**Universal Solution**
Configurable range of ±300 VDC or ±100mA on the input range

**Integrated Display**
Configurations and settings can easily be made via the front display or additional DIP switches

**Flexible Power Inputs**
Input power supply range from 24 VUC to 230 VUC, making it suitable in all applications

**Complete Line Detection**
Easier troubleshooting with short circuit and wire break detection built-in

**Precise Data Recording**
Measurement data is converted and transmitted with an accuracy level of 0.05%

Let’s connect.
[www.weidmuller.com](http://www.weidmuller.com)
# Competitive Comparisons

<table>
<thead>
<tr>
<th>Weidmüller</th>
<th>Weidmüller</th>
<th>Phoenix</th>
<th>Knick</th>
<th>Wago</th>
</tr>
</thead>
<tbody>
<tr>
<td>Series</td>
<td>ACT20P-PRO DCDC II</td>
<td>WavePro DCDC</td>
<td>MACX MCR-UI-UP</td>
<td>P27000</td>
</tr>
<tr>
<td>Max. Measurement Range</td>
<td>U: ±300 VDC I: ±100mA</td>
<td>U: ±200 VDC I: ±100mA</td>
<td>U: ±150 VDC I: ±100mA</td>
<td>U: ±200 VDC I: ±100mA</td>
</tr>
<tr>
<td>Output Range</td>
<td>±10V, ±20mA (source/sink)</td>
<td>±10V, ±20mA (source)</td>
<td>±10V, ±20mA (source)</td>
<td>±10V, ±20mA (source)</td>
</tr>
<tr>
<td>Power Supply Range</td>
<td>24 VUC... 230 VUC (-20% +15%)</td>
<td>22 VUC... 230 VUC (+10%)</td>
<td>24 VUC... 230 VUC (+20% +10%)</td>
<td>24 VUC... 230 VUC (+10%)</td>
</tr>
<tr>
<td>Housing Size</td>
<td>12.5mm</td>
<td>12.5mm</td>
<td>12.5mm</td>
<td>12.5mm</td>
</tr>
<tr>
<td>Programming Options</td>
<td>DIP Switch / Front Display</td>
<td>DIP Switches / Potentiometer</td>
<td>DIP Switches / Potentiometer</td>
<td>DIP Switches / Potentiometer</td>
</tr>
<tr>
<td>Front Display</td>
<td>Yes</td>
<td>No</td>
<td>No</td>
<td>No</td>
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</tbody>
</table>

## Typical Applications

Measuring signals from process automation / energy or machinery:
- Cement industry
- Iron and steel industry
- Water distribution and waste water
- Food and beverage
- Oil and gas

## Product Information

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Temperature Range</th>
<th>Part Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACT20P-PRO DCDC II-S</td>
<td>Universal Analog Input Signal Conditioner</td>
<td>-25°C to +70°C</td>
<td>1481970000</td>
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</tbody>
</table>

## Information

Information is available for download on the web at [www.weidmuller.com](http://www.weidmuller.com).

**Ref. No.**
- 2073780000: Analogue Signal Conditioner Brochure
- www.weidmuller.com: Online Datasheet

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