

Analog Signal Conditioners

Flexibility and Accuracy in Diverse Applications

ACT20P-PRO DCDC II

Universal Solution

Configurable range of ± 300 VDC or ± 100 mA 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

Weidmüller

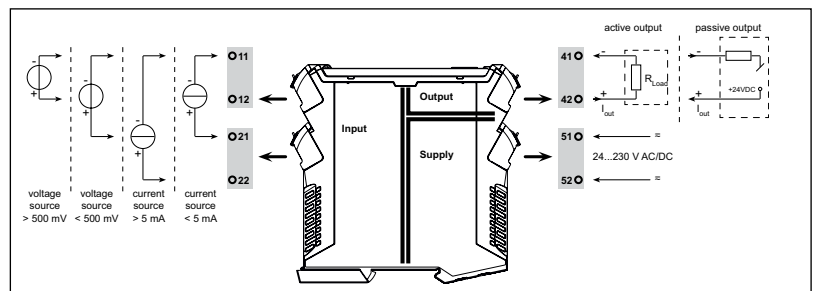
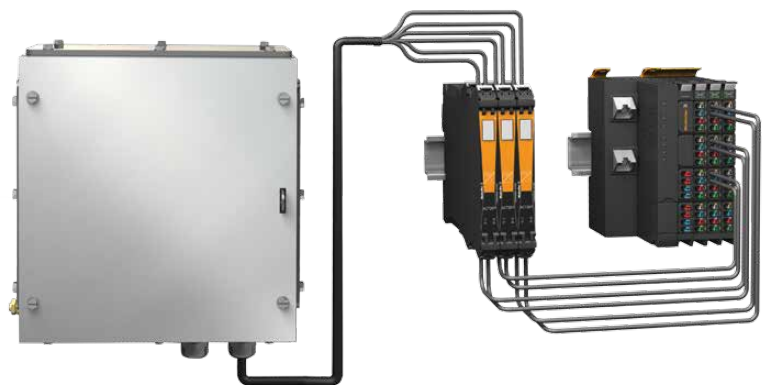
Competitive Comparisons

	Weidmüller 	Weidmüller 	Phoenix	Knick	Wago
Series	ACT20P-PRO DCDC II	WavePro DCDC	MACX MCR-UI-UI-UP	P27000	JumpFlex
Max. Measurement Range	U: ±300 VDC I: ±100mA	U: ±200 VDC I: ±100mA	U: ±150 VDC I: ±100mA	U: ±200 VDC I: ±100mA	U: ±200 VDC I: ±100mA
Output Range	±10V, ±20mA (source/sink)	±10V, ±20mA (source)	±10V, ±20mA (source)	±10V, ±20mA (source)	±10V, ±20mA (source)
Power Supply Range	24 VUC... 230 VUC (-20% +15%)	22 VUC... 230 VUC (+10%)	24 VUC... 230 VUC (-20% +10%)	24 VUC... 230 VUC (+10%)	24 VDC ±30%
Housing Size	12.5mm	12.5mm	12.5mm	12.5mm	12.5mm
Programming Options	DIP Switch / Front Display	DIP Switches / Potentiometer	DIP Switches / Potentiometer	DIP Switches / Potentiometer	DIP Switch / Software
Front Display	Yes	No	No	No	No (add-on option)

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

Type	Description	Temperature Range	Part Number
ACT20P-PRO DCDC II-S	Universal Analog Input Signal Conditioner	-25°C to +70°C	1481970000

Information

Information is available for download on the web at www.weidmuller.com.

Ref. No.	Description
2073780000	Analogue Signal Conditioner Brochure
www.weidmuller.com	Online Datasheet

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