

Analog Signal Conditioners

Flexibility and Accuracy in Diverse Applications

Universal Solution: ACT20P-PRO DCDC

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

Models with input power supply range from 24 to 230Vac/dc or only with 24Vdc.

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%

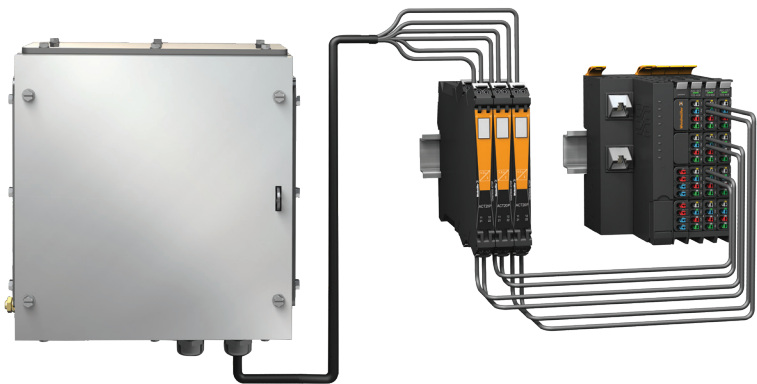


Weidmüller 

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



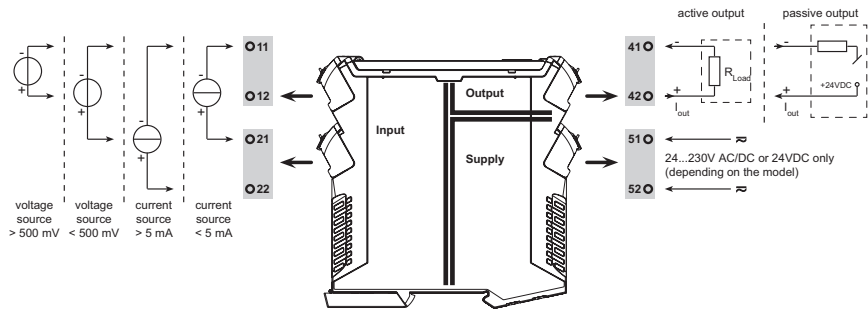
DIP switch setting for standard values

Input range	DIP switch				Output range	DIP switch			
	1	2	3	4		5	6	7	8
configuration via display					configuration via display				
-10...+10 V				■	-10...+10 V				■
-5...+5V			■		-5...+5V			■	
0...300 V			■	■	10...0 V *			■	■
0...100 V			■		0...10 V			■	
0...30 V			■	■	2...10 V			■	■
0...10 V			■	■	5...0 V *			■	■
2...10 V			■	■	0...5 V			■	■
0...5 V	■				1...5 V			■	
1...5 V	■			■	-20...+20 mA	■			■
0...150 mV	■			■	-10...+10 mA			■	
0...60 mV	■			■	20...0 mA *	■		■	■
-20...+20 mA	■			■	0...20 mA			■	
0...20 mA	■			■	20...4 mA *	■		■	■
4...20 mA	■			■	4...20 mA	■		■	■
reserved	■			■	reserved	■		■	■

■ = ON * Inverted output range: Output polarity must be reversed!



Note: Configuration also possible through front display.



Product Information

Type	Description	Power Supply Input	Connection Technology	Part Number
ACT20P-PRO DCDC II-S	Universal Analog Input Signal Conditioner	24...230Vac/dc	Screw	1481970000
ACT20P-PRO DCDC II-P		24...230Vac/dc	Push In	1481960000
ACT20P-PRO DCDC II-S		24...230Vac/dc	Screw	1481970000
ACT20P-PRO DCDC II-24-S		24Vdc	Push In	2816690000
ACT20P-PRO DCDC II-24-P		24Vdc	Screw	2816700000

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

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