

MultiXtend UI



MultiXtend UI are the new adapters for the measuring of voltage and current with your Hydrotechnik measuring instrument.

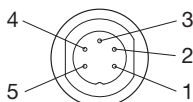
By plugging you can use them for the measurement of current and voltage, the input is isolated galvanically and has a very high input resistor (depends on the version).

Standard types are a low-resistance version with measuring ranges of up to 4 ADC and 60 VDC. The high-resistance version has measuring ranges up to 2 ADC and 30 VDC.

- Measuring of voltage and current by plugging
- Input isolated galvanically
- High input resistor at voltage measurement
- Robust
- Competitive

Technical data	low-resistance	high-resistance
Voltage measuring range	± 60 VDC	± 30 VDC
Current measuring range	± 4 ADC	± 2 ADC
Input resistor	1 kΩ/V	10 MΩ
Galvanical separation	max. ± 70 VDC	
Supply voltage	13 ... 30 VDC	
Supply current	40 mA (without signal)	
Internal resistor Ri/I	0.05 Ω ± 5%	0.1 Ω ± 5%
Internal resistor Ri/U	60 kΩ ± 5%	10 MΩ ± 5%
Fusing	4 A fine fuse	2 A fine fuse
Calibration values	8 A / 120 V	4 A / 60 V
Measuring error	< ± 1% of final value	
Voltage difference between input and output	max. 70 VDC	
Output signal	0 ... 20 mA	
PWM Off-integration time	~ 5 ms	
PWM On-integration time	~ 250 ms	
Extension cable	MK01	
Order number	3160-00-00.81	3160-00-00.80

Pin assignment



Pin 1 = signal +

Pin 2 = - Ub / signal -

Pin 3 = + Ub

Pin 4 = free

Pin 5 = shield

Dimensions

