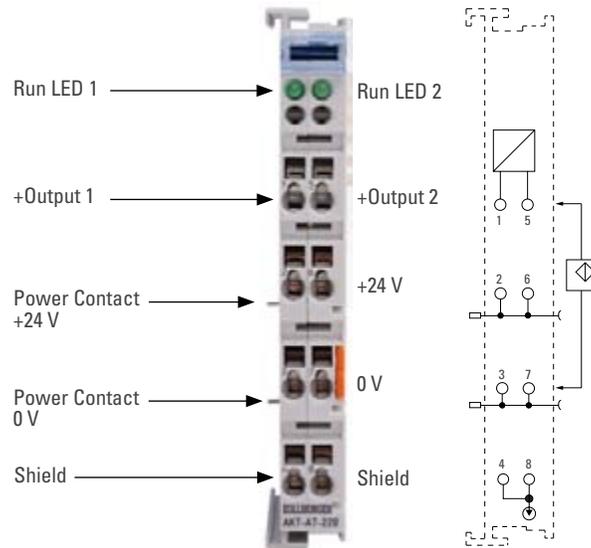


2-Channel Analog Output, 0-20 mA

The 2-channel analog output terminal generates analog output signals in the range from 0 to 20 mA. The power is supplied to the process level with a resolution of 12 bits and is electrically isolated. Ground potential for the output channels of a Bus Terminal is common with the 24 V DC supply. The output stages are powered by the 24 V supply. This terminal combines two channels in one housing and the run LEDs give an indication of the data exchange with the Bus Coupler.



Electrical and Mechanical Specification	AKT-AT-220-000
Number of outputs	2
Power supply	24 V DC via the power contacts
Signal voltage	0...20 mA
Load	< 500 Ω
Measuring error	±0.5 LSB linearity error, ±0.5 LSB offset error, ±0.1 % (relative to full scale value)
Resolution	12 bits
Conversion time	~ 1.5 ms
Electrical isolation	500 V _{rms} (standard-bus/signal voltage)
Current consumption standard-bus	Typ. 60 mA
Bit width in the process image	Output: 2 x 16 bit data (2 x 8 bit control/status optional)
Weight	Approx. 80 g
Operating/storage temperature	0 ... +55 °C / -25 ... +85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	Conforms to EN 60068-2-6 / EN 60068-2-27/ 29
EMC immunity/emission	Conforms to EN 61000-6-2 / EN 61000-6-4
Protect. class/installation pos.	IP 20 / variable
Pluggable wiring	For all Bus Terminals

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