



AO202 Analog Output Module

The analog output module AO202 offers 2 high-precision 16 bit analog output channels.

- 2 analog outputs
- Output voltage -10 to +10 V
- Resolution: 16 bit
- Outputs can be synchronized
- Galvanic isolation of channels
- Galvanic isolation from system
- Differential connection
- Short circuit proof
- Monitoring of internal power supply

Item	Item-No.
AO202	00010692-00

AO202	
Voltage outputs	
Quantity	2
Output voltage	±10 V
Output impedance	output is corrected to ±2 mA
Digital resolution	16 bit
Value of the LSB	305 µV
Cross-talk attenuation	>120 dB between the channels
Error at 25 °C	±2.5 mV (±0.0125 %)
Error in the entire temperature range	±12 mV (±0.06%)
Refresh cycle time	10 µs per channel
Galvanic isolation of channels	500 V
Galvanic isolation from system	500 V
Approvals / Certificates	
General	CE, cULus, CCC
Marine	DNV GL, LR, ABS, BV
Ambient conditions	
Operating temperature	-30 to +60 °C
Rel. humidity operation	5 to 95 % without condensation
Storage temperature	-40 to +85 °C
Rel. humidity storage	5 to 95 % with condensation
Pollution degree	2 (without condensation; according to IEC 60664-1)

Order Codes		
Item	Item No.	Description
AO202	00010692-00	Analog output module; 2x Out ±10V; 16bit; high precision 0.0125%; 10µs refresh cycle; single isolated
Accessories		
KZ-AO202 B+C	00011980-50	Terminal set Phoenix cage clamp (2x KZ 35/04) with labeling strip and coding elements