AO202/SI, AO204/SI
Analog Output Modules

The analog input modules AO202/SI and AO204/SI offer 2 or 4 high resolution analog 16 bit current output channels.

• 2 oder 4 analoge Ausgänge
• Ausgangsstrom 0 bis 20 mA
• Auflösung: 16 Bit
• Galvanische Trennung der Kanäle
• Galvanische Trennung zum System
• Kurzschlussfeste Ausgänge

Item	Item-No.
AO202/SI	00012246-10
AO204/SI	00012246-00

AO202/SI, AO204/SI	
Analog outputs	
Quantity	2 (AO202/SI) or 4 (AO204/SI)
Output current	0 to 20 mA
Apparent ohmic resistance	Up to 500 Ω
Digital resolution	16 bit
Value of the LSB	305 nA
Cross-talk attenuation	>100 dB between the channels (50 to 60 Hz)
Error at 25 °C	±0.2 %
Error at the entire temperature range	±0.6 %
Setting time of 0.1 % of the output current range	Max. 3 ms
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/SI	00012246-10	Analog output module; 2x Out 20mA; 16bit; 0.2%; single isolated
AO204/SI	00012246-00	Analog output module; 4x Out 20mA; 16bit; 0.2%; single isolated
Accessories		
SS-AO202/SI B+C	00012378-50	Terminal set Phoenix screw side (2x SS 35/03) with labeling strip and coding elements
SS-AO204/SI B+C	00012379-50	Terminal set Phoenix screw side (4x SS 35/03) with labeling strip and coding elements
KS-AO204/SI B+C	00024539-00	Terminal set cage clamp small (4x KS 35/03) with labeling strip and coding elements