

Product. Name: 16 Channel Analog Output Module

Product. Code: AO_S850-16C00V1G016GIND

Analog Output Modules Serve As Critical Components Within Plc Systems Offering A Broad Spectrum Of Solution For The Presize Control And Regulation Of Various Devices And Machinery The Selection Of The Most Suitable Analog Output Module Is Fundamentally Guided By The Specific Requirements Of The Application The Essential Standards Of Signal Integrity And The Complexities Inherent In Integration Processes When Meticulously Selected And Implemented These Modules Can Significantly Enhance The Overall Efficiency Reliability And Productivity Of The Entier System This 16 Channel Analog Output Module Exemplifies Superior Functionality Each Of The 16 Channels Is Completely Isolated From The Others Providing 16 Distinct Groups Of Galvanic Isolation This Module Ensures Exceptional Performance Even In Environments Characterized By High Noise And Interference Due To The Individual Isolation Of All Channels.



Rev.: 00

General Information

No. Of Analog Output	16 Channels
Type Of Analog Output	16 Channels 4-20mA
Hardware Functional Status	From Jul22
Firmware Version	1.00.001
Firmware Update Possible	Yes
Engineering Software	Codesys V3 5 Sp 19 And Above
Mounting	Base Unit Tbus PPPPPPPP

Isolation

Galvanic Isolation	Yes	
Galvanic Isolation Group	1	
Channel In Group	16	

Power Supply

Power Supply From	Top Side De Coded Plug In Screw Terminal
Normal Supply Voltage	24 Vdc
Low Supply Voltage	18.5 Vdc
High Sypply Voltage	28.5
Reverse Polarity Protection	Yes
Maximum Current	320 mA
Current Per Channel Permissible	21.5 mA
Power Loss	0.245 W
Load Resistance	500 Ω, Max

Range	
Output Range	0-20 mA
Output Range	4-20 mA
Range	Scalable
Oscillation Time	
Resistive Load	0.5 ms
Capacitive Load	1 ms
Inductive Load	1 ms
Connection Of Actuator	
Two Wire Connection, Curent O/P	Yes
Configuration In Running	
Perameterization In Run	Yes
Calibration In Run	Yes
Hardware Configuration	
Automatic Encoding	No
Mechanical Coding Element	Yes
Error	
Linearity Error	0.01% (Input Range)
Operational Error	0.5%(Input Range)
Basic Error	0.3% (Input Range)
Substitude Value Can Applied	Yes
Crosstalk Between Outputs	-50db
Alarm	
Diagnostic Alarm	Yes
Limit Alarm	Yes
Diagnostic	
Function Of Diagnostic	Available
Diagnostic Alarm	Yes
Diagnostic Messages	
Wire-Break	Yes(4-20mA)
Short Circuit	Yes
Channel Diagnostic	Yes

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LED		
Power Of Indication	Yes	
Channel Status	No	
Channel Diagnostics(Wire Break Joint)	No	
Module Diagnostics (Back Plan Comm)	Yes	
Potential Seperation		
Seperation Between Channel	Yes	
Seperation Between Backplane	Yes	
Seperation Between Channel And System Power Supply	Yes	
Insulation Tested With	500 VDC	
Ambient Condition		
Horizontal Installation	Min 0 Degree Celcius	
Horizontal Installation	Max 60 Degree Celcius	
Vertical Installation	Min 0 Degree Celcius	
Vertical Installation	Max 60 Degree Celcius	
Connection		
Field Connection	37 Pin D_Sub Connector	
Power Connection	5 Pin Pheonix Plug In Connector (D-Coded)	
Other Information		
Cable Length Max.	500 MTR. Max Of SQMM Cable, Shielded	
Address Space Per Module	32 Bytes	
Dimention (W x H x D)	25 x 122 x 115	
Weight	200g Approx	