Product. Name: AO_S800 Variants
Product. Code: AO-S800

Rev.: 00

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.

General Information

AO-S800_Variant	**S850-16C00V16G01GIND**	**S850-16C00V1G016GIND**
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	16
Channel In Group	16	1

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	
Parameterization 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

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 (Group Isolation)
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