

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 Entire 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

| | |
|----------------------------|--------------------------------|
| No. Of Analog Output | 8 Channels |
| Type Of Analog Output | 8 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 P P P P P P P P |

Isolation

| | |
|--------------------------|-----|
| Galvanic Isolation | Yes |
| Galvanic Isolation Group | 1 |
| Channel In Group | 08 |

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 |

Connection Of Actuator

| | |
|----------------------------------|-----|
| Two Wire Connection, Current O/P | Yes |
|----------------------------------|-----|

Oscillation Time

| | |
|-----------------|--------|
| Resistive Load | 0.5 ms |
| Capacitive Load | 1 ms |
| Inductive Load | 1 ms |

Configuration In Running

| | |
|-------------------------|-----|
| Parameterization In Run | Yes |
| Calibration In Run | Yes |

Hardware Configuration

| | |
|---------------------------|-----|
| Automatic Encoding | No |
| Mechanical Coding Element | Yes |

Error

| | |
|------------------------------|--------------------|
| Linearity Error | 0.1% (Input Range) |
| Operational Error | 0.5%(Input Range) |
| Basic Error | 0.3%(Input range) |
| Substitute 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 | 100g Approx |