GE Versamax Series Service Manual

IC200ALG327

1. Description

The GE Fanuc Automation IC200ALG327 output module comes with 12 single-ended outputs. It is part of the Versamax series and it has a resolution of 13 bits.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200ALG327**
Type	**Output Module**
Channels	**8 single ended**
LEDs	**Two**
Isolation	**250VAC continuous; 1500VAC for 1 minute**
Backplane	**Current Consumption 5V output: 50mA max.**
Current	**Range 4 to 20mA (default) 0 to 20mA (configured with jumper)**
Resolution	**13 Bits**
Update	**Rate 15 ms maximum**
Output	**Default Configurable**
Diagnostics	**Yes**
The	**IC200ALG327 module is an output module that has been designed and distributed by GE Fanuc Automation and included in the GE Versamax series of I/O modules. This specific module provides 12 analog voltage inputs that require an external power supply to operate properly. Each of these outputs can operate in 2 modalities that are bipolar or unipolar according to the requirements of the whole system. The output range consists of -10 to +10 Volts DC and 0 to 10 Volts DC. The GE Fanuc Automation IC200ALG327 output module comes with 2 different LED indicators that provide a quick indication of the process and the functioning of t**

3. Product Information

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Technical specifications for IC200ALG327

Brand GE Fanuc

Series Versamax

Part Number IC200ALG327

Type Output Module

Channels 8 single ended

LEDs Two

Isolation 250VAC continuous; 1500VAC for 1 minute

Backplane Current Consumption 5V output: 50mA max.

Current Range 4 to 20mA (default) 0 to 20mA (configured with jumper)

Resolution 13 Bits

Update Rate 15 ms maximum

Output Default Configurable

Diagnostics Yes

The IC200ALG327 module is an output module that has been designed and distributed by GE Fanuc Automation and included in the GE Versamax series of I/O modules. This specific module provides 12 analog voltage inputs that require an external power supply to operate properly. Each of these outputs can operate in 2 modalities that are bipolar or unipolar according to the requirements of the whole system. The output range consists of -10 to +10 Volts DC and 0 to 10 Volts DC. The GE Fanuc Automation IC200ALG327 output module comes with 2 different LED indicators that provide a quick indication of the process and the functioning of the module. These 2 LEDs provide the status of the backplane power and the connections of the module. This module also comes with diagnostics features that show reports when faults occur.

The GE Fanuc Automation IC200ALG327 output module needs to be connected with shielded cables and shielded terminations to avoid different kinds of interferences that might affect the overall functioning of the module. When the module is in the presence of radio frequency emissions, it is recommended to derate the accuracy ratings to take the emissions into account. The channels of the GE Fanuc Automation IC200ALG327 output module are sorted in a single group. Isolation between circuits is not provided and the voltage employed by the module is 18 to 30 Volts DC voltage, including the ripple. The current consumption rating of the module goes up to 112 milliamps maximum. The module can operate with a load of 5000 ohms minimum and with a resolution of 13 bits.