GE Versamax Series Service Manual

IC200PNS002

1. Description

The GE Fanuc IC200PNS002 module is a PROFINET Scanner (PNS) module from the Versamax series. It has a power consumption rating of 1.10 Amps at 5 Volts DC (5 Watts) and two 100 Mbps (SC-Duplex) Multi-Mode Fiber (MMF) ports.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Versamax**
Part	**Number IC200PNS002**
PROFINET	**Support PROFINET Version 2.2 Class A IO-Device**
Proficy	**Machine Edition Version 7.0 or later**
Power	**Requirements 1.10 Amperes at 5 Volts DC (5 Watts)**
Port	**Connectors Two SC-Duplex**
I/O	**Data Update on the PROFINET LAN Configurable: 1ms, 2ms, 4ms, 8ms, 16ms, 32ms, 64ms, 128ms, 256ms and 512ms**
Operating	**Temperature 0 to 60 degrees Celsius without a fan**
Dimensions	**Height: 132mm (5.2 inches), Width: 134mm (5.28 inches)**
The	**GE Fanuc Versamax IC200PNS002 PROFINET Scanner (PNS) Module requires the Proficy Machine Edition software that is version 7.0 or later and an RX3i PLC central processing unit with firmware version 7.0 or later. The module has 2 SC-Duplex connection ports rated at 100 Mbps. The Versamax PROFINET Scanner LEDs include the power supply LEDs which are the "PWR1" and "PWR2" LEDs and which glow solid green when on. The "OK" LED turns solid green when the module is operating normally. The "OK" LED for other modules is u**

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Technical specifications for IC200PNS002

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Series Versamax

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PROFINET Support PROFINET Version 2.2 Class A IO-Device

Proficy Machine Edition Version 7.0 or later

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The GE Fanuc Versamax IC200PNS002 PROFINET Scanner (PNS) Module also has a "CONNECT" LED that flashes amber when the unit powers up to show that it is not ready to use. Later, it turns solid green to show that the unit has established communication with the primary I/O controller. When the IC200PNS002 Scanner Module is updating the firmware, the "CONNECT" LED flashes amber rapidly to indicate that all connections are blocked. The "LAN" LED flashes to indicate that the scanner is loading Ethernet packets and it turns off when there are no activities. The IC200PNS002 Scanner Module has a temperature range of 0 to 60 degrees Celsius for normal operation and dimensions of 132 millimeters (5.2 inches) in height and 134 millimeters (5.28 inches) in width.