GE RX3i PacSystem Series Service Manual

IC695SPF002

1. Description

The GE Fanuc Automation IC695SPF002 small form-factor pluggable scanner module has a speed of 100 Mbps. It requires a power rating of 3.3 to 5 Volts.

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC695SPF002**
Type	**Scanner module**
Speed	**100 Mbps**
Material	**Multi-mode fiber (MMF)**
Length	**2 Kilometers**
SD	**Card Supported**
Power	**3.3 to 5 Volts**
Port	**Connectors Two RJ-45 and two SFP cages.**
LED	**Indicators Yes**
Temperature	**0 to 60 degrees Celsius**
The	**IC695SPF002 module is a small form-factor pluggable scanner module that has been designed and distributed by GE Fanuc Automation and included in its PacSystems series, specifically in the RX3i section. This module consists of a scanner module that connects a remote RX3i I/O rack to a PROFINET controller. This specific model comes with a multi-mode fiber connection with a speed of 100 to 1000 MB per second. This module provides programming and configuration services for all the I/O modules from GE Series 90-30 and it supports daisy-chain, star, or ring connections. The GE Fanuc Automation IC695SPF002 small form-factor pluggable scanner module comes with 4 Ethernet ports, 2 RJ-45 ports, with two 8-cond**

3. Product Information

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Technical specifications for IC695SPF002

Brand GE Fanuc

Series RX3i PacSystem

Part Number IC695SPF002

Type Scanner module

Speed 100 Mbps

Material Multi-mode fiber (MMF)

Length 2 Kilometers

SD Card Supported

Power 3.3 to 5 Volts

Port Connectors Two RJ-45 and two SFP cages.

LED Indicators Yes

Temperature 0 to 60 degrees Celsius

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The GE Fanuc Automation IC695SPF002 small form-factor pluggable scanner module comes with a USB port that is used for firmware upgrades only. This port is not meant to be used permanently. All the upgrades are performed through WinLoader. The GE Fanuc Automation IC695SPF002 small form-factor pluggable scanner module supports the transfer of I/O device names to other PNS modules through the use of an SD card. This eliminates the need to connect the devices directly when replacing a module. This module can include different media interfaces, not just a single type. The maximum temperature rating that is recommended is 60 degrees Celsius and if the module is going to operate at 100 MB, the maximum operating temperature might need to be derated to 57 degrees Celsius.