GE RX3i PacSystem Series Service Manual

IC695PRS015

1. Description

The IC695PRS015 pressure transducer module is manufactured by the GE Fanuc as part of the RX3i PacSystem series. This module expands the RX3i system serial communications capabilities to enable communication with up to 15 Honeywell smart pressure transducer sensors.

2. Specifications

Specification	Value
Brand	**GE Intelligent Platforms/GE Fanuc**
Series	**RX3i PacSystem**
Part	**Number IC695PRS015**
Product	**Line RX3i**
Catalog	**IC695**
Product	**Type Pressure Transducer Module**
LED	**Indicators MODULE OK, PORT FAULT, PORT STATUS**
Backplane	**Support Universal**
Number	**of Slots 1 (single slot)**
Ports	**1 (RJ-45)**
Power	**Consumption at 5 V DC 0.115 A**
Power	**Consumption at 3.3 V DC 0.7 A**
Maximum	**Overvoltage +/-25 V**
Minimum	**Channel to Channel Crosstalk -55 dB**
Description	
The	**IC695PRS015 module is a pressure transducer module. It is a product of GE Fanuc and it belongs to the RX3i PacSystem product line. It is used to expand the RX3i PacSystem setup's serial communications capabilities and it has a single slot and an RJ-45 port to enable communication with up to 15 Honeywell (LG1237) smart pressure transducer sensors. This module has a power consumption rating of 0.7 Amps at 3.3 Volts DC or 0.115 Amps at 5 Volts DC, and up to 4 modules are supported in the main CPU backplane and a minimum channel to channel crosstalk of -**

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Technical specifications for IC695PRS015

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Series RX3i PacSystem

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Product Line RX3i

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Product Type Pressure Transducer Module

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Backplane Support Universal

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Ports 1 (RJ-45)

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Maximum Overvoltage +/-25 V

Minimum Channel to Channel Crosstalk -55 dB

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Other notable features of the IC695PRS015 pressure transducer module includes port to backplane isolation, flash memory for upgrades, support for hot insertion and hot removal, and an RS-485 communication port. It also receives module status, identity, and fault reports from the LED indicators. The GE Fanuc IC695PRS015 pressure transducer module is located in the RX3i PacSystem universal backplane. It comes with LED indicators which are the "MODULE OK," "PORT FAULT," and the "PORT STATUS" indicators. The "MODULE OK" LED indicator shows the module's status. It turns off when the module fails the self-test or when it does not receive power from the RX3i PacSystem backplane. The "MODULE OK" LED turns green after the configuration of the module, it blinks green rapidly when the module is executing the power diagnostics, and it blinks green slowly when the module has not been configured properly from the CPU. The "PORT FAULT" LED indicator shows the port status with a green light for no fault or for an enabled port and it glows amber for a fault on the port.