GE Genius I-O Series Service Manual

IC660BLC001

1. Description

GE Cable w/Connectors Alpha 9823 15 In The GE Fanuc IC660BLC001 cable is a 15-inch prefabricated cable. The IC660BLC001 cable is used for wiring between Genius I/O blocks.

Technical specifications for IC660BLC001

2. Specifications

Specification	Value
Brand	**GE Fanuc**
Series	**Genius I-O**
Part	**Number IC660BLC001**
Product	**Type Prefabricated cable**
Cable	**Type Belden 9182**
Length	**15 inches**
Mating	**Connectors Yes**
Impedance	**Rating 150 Ohms**
Connection	**Type Bus Connections**
Compatible	**Terminals Serial 1, Serial 2, Shield-In, and Shield-Out Description**
The	**IC660BLC001 cable is a GE Fanuc cable with a length of 15 inches. The IC660BLC001 cable is a Belden Type 9182 cable with connectors. The IC660BLC001 cable is a prefabricated cable which terminates in connectors that simplify the wiring between the I/O blocks. The impedance of the cable is 150 Ohms. A 36-inch GE Fanuc cable is also available and it is recommended for field control installations. The IC660BLC001 cable is used to make bus connections to Genius I/O blocks which are intelligent and configurable I/O modules. The 2 main components of a block are the electronics assembly and the terminal assembly. Active components including communications and I/O are part of the electronics assembly. The**

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The configuration data of the Genius I/O block is stored in the terminal assembly. Therefore, the block does not need reconfiguration if the electronics assembly is changed. A large range of I/O blocks is available, including blocks with 8, 16, and 32 inputs, blocks with RTD inputs, blocks with thermocouple inputs, and blocks with both inputs and outputs. Genius I/O blocks can be mounted up to 7500 feet away from the computer or PLC. Genius I/O blocks can be mounted inside panels, on equipment, and in junction boxes. Genius I/O blocks can operate reliably at up to 60 degrees Celsius. The IC660BLC001 cable is used to make bus connections to I/O blocks. The IC660BLC001 cable connects to the Serial 1, Serial 2, Shield-In, and Shield-Out terminals. The recommended method of connecting the bus to Genius I/O block is to wire it directly to the terminal assembly on the block.