GE Service Manual

IC754VBI08CTD

1. Description

Technical specifications for IC754VBI08CTD

2. Specifications

Specification	Value
Manufacturer	**GE Fanuc Emerson**
Product	**Line Quickpanel**
Part	**Number IC754VBI08CTD**
Weight	**6.63 lbs (3.01 kg)**
Display	**Size 8 in.**
Display	**Color Color**
Input	**Type Touchscreen**
Communication	**RS232 and RS485**
Input	**Power 12 - 30 VDC**
Memory	**32 MB**
Communication	**Cable HMI-CAB-C94**

3. Product Information

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Product Line Quickpanel

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Communication Cable HMI-CAB-C94

Description

The General Electric (GE) FANUC intermediate IC754VBI08CTD is a QuickPanel View/Control operator terminal featuring a resistive 12-bit touch screen that measures 8 inches and is a color thin film transistor (TFT) type. This display comes with a resolution of 800 x 600 and 65k colors, specifically with 16 bits per pixel, and a cold cathode fluorescent (CCFL) backlight that has its own timer. This backlight has an expected half-life of 50,000 hours and 400 NITS luminance, but cannot be replaced.

The processor used on the IC754VBI08CTD terminal is an XScale PXA255 processor that has a 300 MHz clock speed. It uses a Microsoft Windows CE operating system and the configuration of this terminal is done via the Proficy View-Machine Edition software. It has a 32 MB flash onboard storage memory, which is expandable to 64 MB or 96 MB, 32 MB DRAM, 512 KB ROM for the boot loader, and 512 KB SRAM, where the battery's life is the power-off retention. Users can add an external storage module using a maximum of 64 MB SDRAM or maximum of 512 MB CompactFlash card (catalog number IC754ACC0512MEM), and the available CompactFlash is a Type I/II that is capable of supporting 3.3V. The IC754VBI08CTD terminal has 2 LED status indicators present, specifically a power status indicator located at the left side and a programmable indicator at the right side, which is tri-color (red, green, amber), as well as a 10/100 Ethernet port and a serial COM1 port (RS-232/RS-485). With a NEMA Type 4/4X enclosure rating, the IC754VBI08CTD should be used at a temperature between 32 and 122 °F and kept in a location with a temperature range of -4 to 158 °F.