

A05B-2255-C101#ESW FANUC 6.4inchLCD IP65 VGA Teach Pendant Datasheet



Brand: Fanuc

SKU: 1014698001543

Category: HMIs & Industrial PCs

Price: \$2,928.57

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Product Page:

<https://www.equipspares.com/product/a05b-2255-c101esw-fanuc-6-4inchlcd-ip65-vga-teach-pendant>

Product Description

FANUC A05B-2255-C101#ESW is a 381 mm x 203 mm x 64 mm teach pendant featuring a 6.4 inch color TFT LCD and an integrated 3-position deadman safety switch. The unit is constructed with a high-impact polymer housing and a membrane keypad with tactile feedback. It incorporates a resistive touch screen interface and a dedicated dual-channel emergency stop button. Internal hardware includes a high-speed processor optimized for the R-30iB controller interface, supporting graphical user interface (GUI) rendering. The device features an IP 65 ingress protection rating and includes a side-mounted USB 2.0 port for data backup. Connection is established via a multi-pin circular connector for high-speed serial communication.

A05B-2255-C101#ESW Specifications

Model: A05B-2255-C101#ESW

Brand: FANUC

Product Category: Teach Pendant (iPendant)

Display Type: 6.4 inch Color TFT LCD

Resolution: 640 x 480 pixels

Input Method: Touch Screen and Membrane Keypad

Safety Features: 3-position Deadman Switch, Emergency Stop Button

Ingress Protection: IP 65

Interface: USB 2.0, Ethernet

Controller Compatibility: R-30iB, R-30iB Mate, R-30iB Plus, R-30iA

Weight: 1.36 kg

Operating Temperature: 0 to 45 °C

Storage Temperature: -20 to 60 °C

Humidity: 10 to 90 % RH

Dimensions: 381 mm x 203 mm x 64 mm

Backlight Life: 50,000 hours

Software Configuration: Spot Welding (ESW)

A05B-2255-C101#ESW Applications

Primary applications include integration into FANUC R-30iB robotic control systems for programming and manual manipulation of industrial articulated robots. Deployed within automotive assembly lines, CNC machine tending cells, and high-speed palletizing systems for real-time path teaching and diagnostic monitoring.

Supplemental Images

