

FANUC A02B-0281-B502 Manual

Brand	FANUC
Product Series	FANUC
Product Type	Servo Control Display

Description

The FANUC A02B-0281-B502 is a robust servo control display designed for seamless integration with Series 16i, 18i, and 21i models. This unit features a 2-slot LCD, facilitating clear visual output in industrial environments.

Technical specifications for A02B-0281-B502

Manufacturer FANUC

Product Type Servo Control Display

Product Line A02B

Part Number A02B-0281-B502

Weight 6.63 lbs (3.01 kg)

Display Type 2-Slot LCD

Compatibility Series 16i, 18i, 21i

Environmental Rating IP20 (Protection against solid objects larger than 12.5 mm)

Certifications CE, UL, CSA

Input/Output Ports USB, Ethernet, RS232

Operating Environment Industrial environments

Shock Resistance 50g (half-sine wave, 11ms)

Vibration Resistance 5g (random, 10-2000 Hz)

Power Supply 24V DC

Mechanical Mounting Wall-mounted or panel-mounted

Operating Temperature 0°C to 50°C

Storage Temperature -20°C to 60°C

Humidity Range 10% to 90% (non-condensing)

Description

The FANUC A02B-0281-B502 is designed as a servo control display, featuring a 2-slot LCD for clear and effective data presentation. It supports various FANUC series, specifically the 16i, 18i, and 21i, ensuring compatibility for a wide range of applications in industrial settings. The environmental rating of IP20 lets it withstand exposure to larger solid contaminants, making it suitable for challenging environments.

Input and output connectivity is achieved through multiple ports, including USB, Ethernet, and RS232, enabling seamless integration with different devices. Operating on a 24V DC power supply, the display guarantees consistent performance. Built to endure demanding conditions, it offers an impressive shock resistance of 50g through half-sine wave impacts over 11 ms. Vibration resistance is rated at 5g across a frequency range of 10 to 2000 Hz, ensuring reliability during operation.

The unit offers mounting versatility, allowing for both wall and panel installations. Operating temperature limits range from 0°C to 50°C, with storage tolerances between -20°C and 60°C, ensuring adaptability in various climate conditions. Humidity management is maintained at acceptable levels between 10% and 90%, without condensation. The display dimensions are 14.00 inches in height by 19.00 inches in depth, fitting into various setups while maintaining a compact profile.

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