FANUC FANUC □□□ Series Service Manual

A02B-0051-C540

1. Description

The A02B-0051-C540 operator panel from FANUC is designed for effective operator interface management. This unit features an emergency stop button for safety, as well as function keys and a knob for mode selection, making it practical for diverse operational needs.

2. Specifications

Specification	Value
Manufacturer	**FANUC**
Product	**Type Operator Panel**
Product	**Line A02B**
Part	**Number A02B-0051-C540**
Weight	**5.44 lbs (2.47 kg)**
Safety	**Feature Emergency Stop Button**
Operator	**Function Keys**
Mode	**Changer Knob**
Protection	**Class IP20**
Enclosure	**Rating NEMA 1**
Cooling	**Natural**
Maximum	**Ambient Temperature 40 degrees Celsius**
Minimum	**Ambient Temperature 0 degrees Celsius**
Operating	**Humidity 80% (non-condensing)**
Storage	**Humidity 80% (non-condensing)**
Maximum	**Operating Altitude 1000m above sea level**

3. Product Information

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Technical specifications for A02B-0051-C540

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Description

FANUC's A02B-0051-C540 is an operator panel crafted for precise control in industrial settings. The design includes keys for operator functions and a knob that facilitates mode changes, providing intuitive control for users. A dedicated emergency stop button ensures immediate safety measures can be taken when necessary.

This device is rated IP20 for protection and falls under NEMA 1 specifications, making it suitable for various environments. It naturally cools during operation, maintaining efficient performance. The operator panel supports a maximum ambient temperature of 40 degrees Celsius while operating effectively in conditions as low as 0 degrees Celsius.

When considering environmental factors, the unit can tolerate humidity levels up to 80% without condensation during operation and storage. It can also be installed and utilized at altitudes up to 1000 meters, further extending its application in varying industrial scenarios.