FANUC FANUC □□□ Series Service Manual

A02B-0076-K002

1. Description

The FANUC A02B-0076-K002 is a 128K PC cassette designed for data storage with CNC systems. This EPROM-based unit utilizes RS-232C for communication and operates on a 5V or 24V DC power supply.

2. Specifications

Specification	Value
Manufacturer	**FANUC**
Product	**Line A02B**
Part	**Number A02B-0076-K002**
Weight	**0.31 lbs (0.14 kg)**
Name	**128K PC cassette (Model B)**
Memory	**Size 128K (Kilobytes)**
Memory	**Type EPROM**
Form	**Factor Cassette tape format**
Communication	**Interface RS-232C**
Power	**Supply 5V DC or 24V DC**
Error	**Correction Built-in error correction**
Operating	**Temperature Range 0°C to 50°C**
Storage	**Temperature Range -20°C to 60°C**
Humidity	**Range 20% to 80% RH (non-condensing)**
Power	**Consumption 2W**
Backup	**Backup for CNC data storage**
Certifications	**CE, UL, and RoHS certifications**

3. Product Information

The FANUC A02B-0076-K002 is a 128K PC cassette designed for data storage with CNC systems. This EPROM-based unit utilizes RS-232C for communication and operates on a 5V or 24V DC power supply.

Technical specifications for A02B-0076-K002

Manufacturer FANUC

Product Line A02B

Part Number A02B-0076-K002

Weight 0.31 lbs (0.14 kg)

Name 128K PC cassette (Model B)

Memory Size 128K (Kilobytes)

Memory Type EPROM

Form Factor Cassette tape format

Communication Interface RS-232C

Power Supply 5V DC or 24V DC

Error Correction Built-in error correction

Operating Temperature Range 0°C to 50°C

Storage Temperature Range -20°C to 60°C

Humidity Range 20% to 80% RH (non-condensing)

Power Consumption 2W

Backup Backup for CNC data storage

Certifications CE, UL, and RoHS certifications

Description

The A02B-0076-K002 is a specialized cassette designed by FANUC, specifically known as the 128K PC cassette (Model B). This unit operates with a memory capacity of 128 kilobytes and utilizes EPROM technology for data storage. It is structured in a cassette tape format, allowing for easy integration into compatible systems. Communication with the device is facilitated through an RS-232C interface, allowing for a straightforward connection and data transfer.

This cassette requires a power source of either 5V DC or 24V DC and exhibits efficient functionality with a power consumption of just 2 watts. A built-in error correction feature ensures data integrity, which is crucial for maintaining operational stability in CNC applications. Weighing 0.2 kilograms, the unit's compact size—150 mm long, 90 mm wide, and 30 mm thick—makes it convenient for various mounting or storage arrangements.

Operating effectively within a temperature spectrum of 0°C to 50°C, it is also suited for storage in a broader range from -20°C to 60°C. The cassette can withstand humidity levels between 20% and 80% RH (non-condensing), making it adaptable to a wide range of environmental conditions. The device is designed to provide reliable backup for CNC data storage, an essential feature for users who rely on consistent data retention. Furthermore, the A02B-0076-K002 is certified under CE, UL, and RoHS regulations, ensuring compliance with important safety and environmental standards.