

# D1225C12B5ZS-A0 Nidec 12VDC 120x120x25mm 4-Wire Axial Fan Datasheet



**Brand:** Nidec

**SKU:** [1008689573153](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$19.99**

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Product Page:

<https://www.equipspares.com/product/d1225c12b5zs-a0-nidec-12vdc-120x120x25mm-4-wire-axial-fan>

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## Product Description

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The Nidec D1225C12B5ZS-A0 is a precision-engineered DC Axial Fan designed for applications requiring a balance between airflow efficiency and acoustic performance. Utilizing Nidec's advanced brushless DC motor technology, this unit features a robust bearing architecture that minimizes friction and heat generation, thereby optimizing thermal impedance within the system. The aerodynamic blade design ensures consistent static pressure delivery while maintaining structural rigidity under continuous operation, making it suitable for sensitive electronic environments.

Model Number: D1225C12B5ZS-A0

Brand: Nidec

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.083 A

Input Power: 1.00 W

Rated Speed: 1850 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 62.0 CFM (105.3 m<sup>3</sup>/h)

Max. Static Pressure: 1.85 mmH<sub>2</sub>O (18.1 Pa)

Dimensions: 120 x 120 x 25 mm

Weight: 160 g

Termination: 4-Wire (PWM Control)

Speed Control: PWM / Tachometer Output

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Origin: Vietnam

Condition: New

The D1225C12B5ZS-A0 is frequently deployed in precision cooling environments such as liquid cooling radiators and computer chassis where acoustic management is critical. Its 4-wire PWM capability allows for dynamic speed adjustment, making the D1225C12B5ZS-A0 ideal for variable load scenarios in server racks, telecommunications equipment, and sensitive electronic instrumentation requiring consistent thermal regulation.

## Supplemental Images

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