

9G0612P4S001 Sanyo Denki 12VDC 60x60x25mm PWM Axial Fan Datasheet



Brand: Sanyo Denki

SKU: 1005521427271

Category: Axial & Centrifugal Fans

Price: \$50.99

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Product Page:

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Product Description

The Sanyo Denki 9G0612P4S001 is a high-performance DC Axial Fan engineered for critical thermal management in densely packed electronic enclosures. Utilizing the San Ace 60 platform, this unit features a highly efficient motor design coupled with dual ball bearings to ensure exceptional rotational stability and reduced thermal impedance over an extended service life. The aerodynamic blade geometry is optimized to deliver significant static pressure, allowing the fan to overcome high system resistance in restricted airflow environments. Integrated PWM control functionality enables precise speed modulation, facilitating a balance between cooling efficiency and acoustic performance based on real-time thermal loads. Its robust structural rigidity and reliable electrical commutation make it suitable for continuous duty in industrial applications.

Model Number: 9G0612P4S001

Brand: Sanyo Denki

Product Series: San Ace 60 (9G Type)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 10.8 - 13.2 VDC

Rated Current: 0.67 A

Power Consumption: 8.04 W

Rated Speed: 11000 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 56.5 CFM (1.60 m³/min)

Max. Static Pressure: 26.5 mmH₂O (260 Pa / 1.04 inH₂O)

Dimensions: 60x60x25 mm

Weight: 110 g

Termination: 4-Wire (PWM Control)

Speed Control: PWM (Pulse Width Modulation)

Sensor: Tachometer Output

Frame Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -20 to +70 °C

Life Expectancy: 40000 Hours (60°C)

Ingress Protection: IP40

The 9G0612P4S001 is specifically designed for integration into high-density server racks, industrial power supply units, and telecommunications infrastructure where space is limited but heat dissipation requirements are extreme. Due to its high static pressure capabilities, the 9G0612P4S001 excels at forcing air through dense heatsink fins and restricted chassis pathways found in medical devices and CNC control systems, ensuring critical components remain within safe operating temperature ranges.

Supplemental Images

