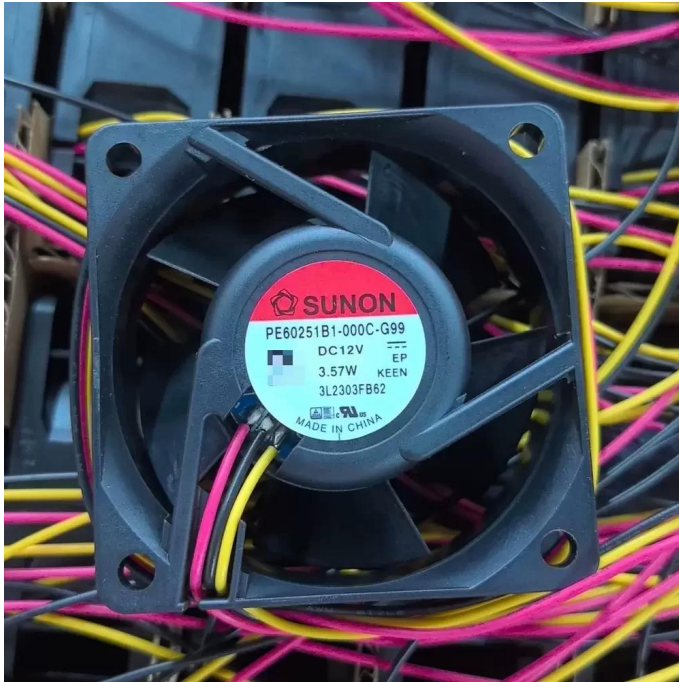


PE60251B1-000C-G99 SUNON 12VDC 60x60x25mm Tachometer Axial Fan Datasheet



Brand: SUNON

SKU: [932608880819](#)

Category: Axial & Centrifugal Fans

Price: **\$17.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/pe60251b1-000c-g99-sunon-12vdc-60x60x25mm-tachometer-axial-fan>

Product Description

The SUNON PE60251B1-000C-G99 is a high-performance DC Axial Fan engineered for critical thermal management in industrial electronics. This unit features a robust Dual Ball Bearing architecture, providing superior structural rigidity and longevity compared to standard sleeve systems. The aerodynamic blade design is optimized to deliver high static pressure, effectively overcoming thermal impedance in dense enclosures. Powered by a 12VDC motor, it maintains operational stability under continuous load. The inclusion of a 3-wire tachometer signal allows for precise speed monitoring, making it an ideal component for feedback-loop cooling systems where reliability and data transmission are essential requirements.

Model Number: PE60251B1-000C-G99

Brand: SUNON

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Power: 3.57 W

Rated Current: 0.297 A

Rated Speed: 6800 RPM ($\pm 10\%$)

Max. Air Flow: 36.0 CFM (61.16 m³/h / 1.02 m³/min)

Max. Static Pressure: 0.52 inH₂O (129.4 Pa / 13.2 mmH₂O)

Dimensions: 60 x 60 x 25 mm

Bearing Type: Dual Ball Bearing

Noise Level: 46.0 dB(A)

Termination: 3-Wire (Lead Wire with Tachometer/Speed Sensor)

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10 to +70 °C

Life Expectancy: 70,000 Hours at 40°C

Weight: 75 g

Mounting Orientation: Any

Ingress Protection: IP20 (Standard)

The PE60251B1-000C-G99 is specifically designed for high-density electronic applications, such as variable frequency drives (VFDs), power inverters, and server rack cooling solutions. Its compact form factor and high-pressure output make it suitable for telecommunications equipment and CNC machinery control panels where space is limited but heat dissipation demands are high. Industrial integrators utilize the PE60251B1-000C-G99 for its tachometer output, enabling real-time fan status monitoring in mission-critical automation systems.

Supplemental Images

