

# PE92252B1-000C-G99 Sunon 24V 5.28W 9225 DC Axial Fan

**SKU:** PE92252B1-000C-G99

**Price:** \$13.99

**Categories:** Fans

**Tags:** SUNON

**Product Link:**

<https://www.electspares.com/product/pe92252b1-000c-g99-sunon-24v-5-28w-9225-dc-axial-fan/>

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## Product Description

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The Sunon PE92252B1-000C-G99 is a high-performance 24 V DC Industrial Axial Fan with a 9225 form factor, featuring a specialized 3-wire configuration with a pulse sensor for real-time speed monitoring. Driven by a high-torque brushless DC motor optimized for consistent air delivery, this unit features a precise Rated Power of 5.28 W, delivering a Max. Air Flow of 127.4 m<sup>3</sup>/h (75.0 CFM) at a rated speed of 4500 RPM. Constructed with a reinforced thermoplastic PBT frame and precision dual ball bearings, this 103.0 g unit ensures maximum mechanical stability and a reliable L10 service life of 70,000 hours at 40 °C. It is the definitive cooling solution for industrial power modules and telecommunications enclosures requiring reliable high-volume airflow and operational feedback in a 24 V DC environment at the end.

PE92252B1-000C-G99 Fan Parameters

Model Number: PE92252B1-000C-G99

Manufacturer: Sunon

Type: DC Axial Fan

Series: PE Series (High Performance)

Dimensions: 92 x 92 x 25 mm (9225)

Weight: 103.0 g

Bearing Type: Dual ball bearing

Nominal Voltage: 24 VDC

Voltage Range: 10.0 - 27.6 VDC

Starting Voltage: 10.0 VDC

Rated Current: 0.22 A

Max. Current Draw: 0.25 A

Max. Power Consumption: 5.28 W

Rated Speed: 4500 RPM  
Max. Air Flow: 75.0 CFM (127.4 m<sup>3</sup>/h / 2.12 m<sup>3</sup>/min)  
Max. Static Pressure: 0.35 inH<sub>2</sub>O (87.2 Pa / 8.89 mmH<sub>2</sub>O)  
Working Air Flow: 127.4 m<sup>3</sup>/h  
Static Pressure Increase: 87.2 Pa  
Sensor Type: Pulse sensor (Tachometer / FG Signal)  
Motor Protection: Auto Restart; Polarity Protection  
Insulation Class: Class A  
Degree of Protection: IP20  
Electrical Hookup: 3-Lead wires (Red: +, Black: -, Yellow: Sensor)  
Number of Blades: 7  
Direction of Rotation: Counter-clockwise (viewed toward impeller)  
Impeller Material: Thermoplastic PBT (UL 94V-0)  
Frame Material: Thermoplastic PBT (UL 94V-0)  
Sound Pressure Level: 47.0 dB(A)  
Service Life (L10): 70,000 h (at 40 °C)  
Operating Temperature: -10 - +70 °C  
Standard Compliance: UL; TUV; CE; RoHS

#### Application

The Sunon PE92252B1-000C-G99 axial fan is the primary cooling component for motor controllers, industrial networking switches, and power distribution cabinets requiring high-volume airflow and remote rotation monitoring in 24V DC systems.

## **Product Images**

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