

9GV0412P3J22 Sanyo Denki 12VDC 0.60A 40x40x28mm Axial Fan Datasheet



Brand: Sanyo Denki

SKU: [962443422405](#)

Category: Axial & Centrifugal Fans

Price: **\$20.71**

E-mail: sales@equipspares.com

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

Product Page:

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Product Description

Sanyo Denki 9GV0412P3J22 is a high-performance 40 x 40 x 28 mm axial fan operating at a nominal 12 VDC with a 0.60 A current rating. This Guide Vane (GV) type fan features a dual ball bearing system and a 4-wire interface supporting PWM speed control. The internal structure utilizes a plastic frame and impeller (UL 94V-0) designed to optimize airflow and static pressure through integrated stationary vanes that straighten the air discharge.

9GV0412P3J22 Specifications

Model: 9GV0412P3J22

Brand: Sanyo Denki

Category: DC Axial Fan

Frame Size: 40 x 40 x 28 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 10.2 to 13.8 VDC

Rated Current: 0.60 A

Rated Input: 7.2 W

Rated Speed: 14 700 RPM

Max Airflow: 0.64 m³/min (22.6 CFM)

Max Static Pressure: 330 Pa (1.32 inchH₂O)

Sound Pressure Level: 52 dB(A)

Bearing Type: Dual Ball Bearing

Interface: 4-wire (Red: +, Black: -, Yellow: Sensor, Brown: PWM)

Control Type: PWM Speed Control

Operating Temperature: -20 to +70 °C

Storage Temperature: -30 to +70 °C

Expected Life: 40 000 hours at 60 °C

Mass: 65 g

Material: Plastic Frame and Impeller (UL 94V-0)

Safety Certifications: UL, CSA, TUV, RoHS

9GV0412P3J22 Applications

Primary applications include integration into 1U rack-mount servers, high-density telecommunications switching equipment, and compact power supply units. Deployed within network routers and industrial control cabinets where high back-pressure cooling is required for tightly packed electronic components.

Supplemental Images

