

# 9GV0312G301 Sanyo Denki 12VDC 0.40A 38x38x28mm Axial Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [1045929355134](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$24.61**

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Product Page:

<https://www.equipspares.com/product/9gv0312g301-sanyo-denki-12vdc-0-40a-38x38x28mm-axial-fan>

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## Product Description

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Sanyo Denki 9GV0312G301 is a 38 x 38 x 28 mm axial fan operating at 12 VDC with a rated current of 0.40 A and a maximum airflow of 17.3 CFM. The unit features a dual ball bearing system and a plastic frame and impeller rated UL 94V-0 for flame retardancy. It delivers a maximum static pressure of 280 Pa at a rotational speed of 13500 RPM. The electrical interface consists of a 3-wire lead wire system with a pulse sensor for speed monitoring. Internal protection includes locked rotor burnout protection and reverse polarity protection.

### 9GV0312G301 Specifications

Model: 9GV0312G301

Brand: Sanyo Denki

Series: San Ace 38

Frame Size: 38 x 38 x 28 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 10.2 to 13.8 VDC

Rated Current: 0.40 A

Rated Input: 4.8 W

Rated Speed: 13500 RPM

Max Airflow: 0.49 m<sup>3</sup>/min (17.3 CFM)

Max Static Pressure: 280 Pa (1.12 inchH<sub>2</sub>O)

Sound Pressure Level: 48 dB (A)

Operating Temperature: -20 to +70 °C

Storage Temperature: -30 to +70 °C

Expected Life: 40000 hours at 60 °C

Bearing Type: Dual Ball Bearing

Sensor Type: Pulse Sensor

Frame Material: Plastic (UL 94V-0)

Impeller Material: Plastic (UL 94V-1)

Lead Wire: Red (+), Black (-), Yellow (Sensor)

Mass: 50 g

Dielectric Strength: 50/60 Hz, 500 VAC, for 1 minute

Insulation Resistance: 10 MΩ or more with a 500 VDC megger

Approvals: UL, CSA, TUV, CE, RoHS

#### 9GV0312G301 Applications

Primary applications include integration into 1U server chassis, high-density telecommunications switching equipment, and compact power supply units. Deployed within industrial workstations and network storage arrays requiring high static pressure for localized component cooling.

## Supplemental Images

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