# 9GA0812P4J008 Sanyo Denki 12V 80x80x25mm DC Axial Fan Datasheet


**Brand:** Sanyo Denki

**SKU:** 816897611061

**Category:** Axial & Centrifugal Fans

**Price:** **$18.99**

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Product Page:
https://www.equipspares.com/product/9ga0812p4j008-sanyo-denki-12v-80x80x25mm-dc-axial-fan

## Product Description

Sanyo Denki 9GA0812P4J008 is an 80 x 80 x 25 mm DC axial fan operating at a nominal 12 VDC and 7.2 W, delivering a maximum airflow of 73.0 CFM and a static pressure of 177.6 Pa. Constructed with a lightweight plastic frame and impeller, this unit utilizes a dual ball bearing mechanism to ensure an expected operational life of 60,000 hours at 60 °C. The fan features a four-wire lead termination, integrating a pulse sensor for tachometer feedback and a PWM control function to dynamically adjust the 7400 RPM rotational speed. Operating within a temperature range of -20 to 70 °C, the 110 g assembly generates a sound pressure level of 48 dB(A) under full load.

9GA0812P4J008 Specifications
Model Number: 9GA0812P4J008
Base Series: San Ace 80 (9GA)
Manufacturer: Sanyo Denki
Product Category: DC Axial Fan / Tubeaxial
Dimensions: 80 x 80 x 25 mm
Nominal Voltage: 12 VDC
Operating Voltage Range: 10.8 to 13.2 VDC
Rated Current: 0.6 A
Rated Input Power: 7.2 W
Rated Speed: 7400 RPM

Maximum Airflow: 73.0 CFM (2.07 m³/min)
Maximum Static Pressure: 177.6 Pa (0.7 inchH2O)
Sound Pressure Level (SPL): 48 dB(A)
Operating Temperature Range: -20 to 70 °C
Expected Life: 60,000 hours at 60 °C (90,000 hours at 40 °C)
Bearing Type: Ball Bearing
Termination: Four-Wire Lead
Sensor Type: Pulse Sensor (Tachometer)
Speed Control: PWM (Pulse Width Modulation)
Frame Material: Plastic
Impeller Material: Plastic
Mounting Style: Flange Mount
Mass / Weight: 110 g
Fan Rotation: Clockwise

9GA0812P4J008 Applications

Primary applications include integration into telecommunication equipment chassis, industrial controller cabinets, and high-density server racks requiring active thermal management. Deployed within CNC spindle cooling modules, power supply enclosures, and automated testing instrumentation, the PWM-controlled airflow ensures precise temperature regulation for sensitive electronic components.

## Supplemental Images


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