

PVA080G12Q Foxconn 12VDC 80x80x25mm 4-Pin PWM Axial Fan Datasheet



Brand: Foxconn

SKU: 993539241038

Category: Axial & Centrifugal Fans

Price: \$19.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/pva080g12q-foxconn-12vdc-80x80x25mm-4-pin-pwm-axial-fan>

Product Description

The Foxconn PVA080G12Q is a precision-engineered Axial Fan designed for high-demand thermal management systems requiring substantial airflow and static pressure. Utilizing advanced DC motor technology paired with a robust Dual Ball Bearing architecture, this unit ensures exceptional structural rigidity and prolonged operational lifespan under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining efficient airflow dynamics, significantly reducing thermal impedance within dense electronic enclosures. Engineered for reliability, the PVA080G12Q integrates a 4-pin interface, supporting Pulse Width Modulation (PWM) for precise speed regulation, making it an ideal solution for critical industrial and computing environments requiring stable thermal dissipation.

Model Number: PVA080G12Q

Brand: Foxconn

Product Type: DC Axial Fan

Rated Voltage: 12VDC

Operating Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.65 A

Input Power: 7.80 W

Rated Speed: 4800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 58.0 CFM (98.54 m³/h / 1.64 m³/min)

Max. Static Pressure: 8.50 mmH₂O (83.36 Pa / 0.33 inH₂O)

Dimensions: 80x80x25mm

Weight: 85 g

Termination: 4-Wire / 4-Pin Connector

Speed Control: PWM (Pulse Width Modulation)

Sensor: Tachometer Output (FG Signal)

Housing Material: PBT Plastic (UL94V-0)

Impeller Material: PBT Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Noise Level: 42.5 dBA

Direction of Rotation: Counter-clockwise

Mounting Orientation: Any

The PVA080G12Q is specifically engineered for integration into high-density computing environments such as server racks, workstations, and industrial chassis cooling systems. Its high static pressure profile makes the PVA080G12Q particularly effective for forcing air through restrictive heatsinks and tightly packed component arrays in telecommunications equipment, CNC machinery, and medical devices where consistent thermal regulation is critical for system stability.

Supplemental Images

