

PVA080G12Q-P01-AD Foxconn 12VDC 80x80x25mm PWM Axial Fan Datasheet



Brand: Foxconn

SKU: 677333244018

Category: Axial & Centrifugal Fans

Price: \$12.99

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/pva080g12q-p01-ad-foxconn-12vdc-80x80x25mm-pwm-axial-fan>

Product Description

The Foxconn PVA080G12Q-P01-AD is a precision-engineered axial cooling solution designed for high-density thermal management applications. Utilizing advanced hydraulic sealed bearing architecture, this unit minimizes frictional coefficients while extending operational longevity under continuous load. The aerodynamic impeller profile is constructed from reinforced PBT with 30% glass fiber, ensuring exceptional structural rigidity and resistance to deformation at high rotational velocities. Engineered for optimal airflow dynamics, the fan significantly reduces thermal impedance within enclosed chassis environments. Its integrated PWM control circuit allows for dynamic speed modulation, balancing acoustic performance with critical cooling requirements, making it a robust component for industrial and computing systems requiring reliable heat dissipation.

Model Number: PVA080G12Q-P01-AD

Brand: Foxconn

Product Type: Axial Fan

Rated Voltage: 12 VDC

Voltage Range: Not Specified

Rated Current: 0.65 A

Power Consumption: 7.8 W

Rated Speed: 900 - 4600 RPM $\pm$ 5%

Bearing Type: Hydraulic Sealed Bearing

Max. Air Flow: 62.5 CFM (106.19 m³/h / 1.77 m³/min)

Min. Air Flow: 19 CFM

Max. Static Pressure: Not Specified

Dimensions: 80 x 80 x 25 mm

Weight: Not Specified

Life Expectancy: Not Specified

Noise Level: 16 - 47 dBA

Speed Control: PWM, Tachometer (Speed Sensor)

Housing Material: Injection Molded PBT + 30% Glass Fiber (UL94V-0)

Impeller Material: Injection Molded PBT + 30% Glass Fiber (UL94V-0)

Termination: 4-Pin Motherboard Connector

Wire Length: 600 mm

The PVA080G12Q-P01-AD is specifically calibrated for integration into high-performance computing environments, including server chassis and workstation cooling arrays where variable airflow is essential. Its robust construction makes it suitable for industrial automation equipment and CNC control units that demand consistent thermal regulation. By utilizing the PVA080G12Q-P01-AD, system integrators can ensure stable operating temperatures for sensitive electronic components, effectively mitigating the risk of thermal throttling in telecommunications hardware and medical instrumentation.

Supplemental Images

