

PV902512PSPF0D Foxconn 12VDC 0.40A 92x92x25mm Axial Fan Datasheet



Brand: Foxconn

SKU: 1018210444248

Category: Axial & Centrifugal Fans

Price: **\$16.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/pv902512pspf0d-foxconn-12vdc-0-40a-92x92x25mm-axial-fan>

Product Description

The Foxconn PV902512PSPF0D is a high-efficiency DC axial fan engineered for precision thermal regulation in electronic systems. Featuring a durable hydraulic sealed bearing architecture, this model offers superior longevity and acoustic performance compared to standard sleeve bearing alternatives. The unit is constructed with a robust PBT thermoplastic frame and impeller, reinforced with 30% glass fiber to meet UL94V-0 flammability standards. Designed with a 4-wire interface supporting PWM pulse width modulation, the PV902512PSPF0D allows for dynamic speed adjustment between 900 and 3600 RPM, ensuring optimal airflow delivery relative to system temperature while minimizing power consumption and noise generation.

Model Number: PV902512PSPF0D (Series: PVA092G12H)

Brand: Foxconn

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Rated Current: 0.40 A

Power Consumption: 4.80 W

Rated Speed: 900 - 3600 RPM \pm 5%

Max. Air Flow: 61.0 CFM (103.6 m³/h)

Air Flow Range: 22 - 61 CFM

Noise Level: 11 - 32 dBA

Bearing Type: Hydraulic Sealed Bearing

Dimensions: 92x92x25mm

Speed Control: PWM (Pulse Width Modulation)

Sensor Output: Tachometer (Speed Measurement)

Termination: 4-Wire / 4-Pin Motherboard Connector

Housing Material: Injection Molded PBT + 30% Glass Fiber + V0 Flame Retardant

Impeller Material: Injection Molded PBT + 30% Glass Fiber + V0 Flame Retardant

This thermal management component is ideal for deployment in variable-load computing environments, including server chassis, desktop CPU cooling, and industrial workstations. The PV902512PSPF0D provides reliable active cooling for power supplies and heat-sensitive electronics where acoustic control is necessary alongside thermal dissipation. Furthermore, the PV902512PSPF0D is well-suited for telecommunications enclosures and custom electronic projects requiring a standard 92mm form factor with intelligent speed regulation capabilities.

Supplemental Images

