

MGT4012WB-W28C Protechnic 12VDC 1.20A 40x40x28mm Axial Fan Datasheet



Brand: Protechnic

SKU: [1045448903077](#)

Category: Axial & Centrifugal Fans

Price: **\$14.79**

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Product Page:

<https://www.equipspares.com/product/mgt4012wb-w28c-protechnic-12vdc-1-20a-40x40x28mm-axial-fan>

Product Description

Protechnic MGT4012WB-W28C is a high-performance axial cooling fan measuring 40 x 40 x 28 mm with a nominal operating voltage of 12 VDC and a rated current of 1.20 A. This compact unit features a dual ball bearing system and a five-blade impeller design constructed from high-durability thermoplastic. The electrical interface utilizes a four-wire configuration supporting Pulse Width Modulation (PWM) speed control and a tachometer signal for real-time rotational monitoring. It operates at a maximum speed of 22,000 RPM, delivering a static pressure-optimized airflow of 28.64 CFM while maintaining structural integrity through a rib-style mounting frame.

MGT4012WB-W28C Specifications

Model: MGT4012WB-W28C

Brand: Protechnic Electric

Category: Axial Cooling Fan

Dimensions: 40 x 40 x 28 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 4 VDC to 13 VDC

Rated Current: 1.20 A

Input Power: 14.4 W

Rated Speed: 22,000 RPM

Maximum Airflow: 28.64 CFM

Noise Level: 62.6 dBA

Bearing Type: Dual Ball Bearing

Number of Blades: 5

Interface: 4-wire (PWM, Tachometer)

Connector Type: 1.25 mm Pitch 4-pin

Mounting Style: Rib

Weight: 0.10 lbs

MGT4012WB-W28C Applications

Primary applications include integration into high-density server rack enclosures, enterprise-grade power supply units, and industrial control panel thermal management systems. Deployed within CNC spindle cooling assemblies and telecommunications base station hardware requiring high static pressure ventilation.

Supplemental Images

