

MGT4012PB-W28H Protechnic 12VDC 2.00A 40x40x28mm Cooling Fan Datasheet



Brand: Protechnic

SKU: [1048032932560](#)

Category: Axial & Centrifugal Fans

Price: **\$16.79**

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Product Page:

<https://www.equipspares.com/product/mgt4012pb-w28h-protechnic-12vdc-2-00a-40x40x28mm-cooling-fan>

Product Description

Protechnic MGT4012PB-W28H is a 40 x 40 x 28 mm high-performance axial fan operating at 12 VDC with a 2.00 A rated current. The unit features a dual ball bearing assembly and a 4-wire interface providing PWM speed control and tachometer signal output. The frame and impeller are manufactured from UL 94V-0 rated PBT thermoplastic, housing a high-torque motor designed for maximum static pressure and airflow efficiency.

MGT4012PB-W28H Specifications

Model: MGT4012PB-W28H

Brand: Protechnic

Category: DC Axial Fan

Dimensions: 40 x 40 x 28 mm

Rated Voltage: 12 VDC

Operating Voltage: 10.8 to 13.2 VDC

Rated Current: 2.00 A

Rated Power: 24.0 W

Rated Speed: 25,000 RPM

Bearing Type: Dual Ball Bearing

Interface: 4-wire (Red: +, Black: -, Yellow: Tach, Blue: PWM)

Housing Material: Thermoplastic PBT (UL 94V-0)

Impeller Material: Thermoplastic PBT (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Life Expectancy: 70,000 hours at 40 °C

Weight: 52 g

MGT4012PB-W28H Applications

Primary applications include integration into 1U/2U rackmount server enclosures, high-density network switches, and industrial power conversion systems. Deployed within CNC control modules and telecommunications base station cooling systems requiring high-pressure thermal management.

Supplemental Images

