

MGT4012YB-W28C Protechnic 12VDC 0.38A 40x40x28mm Axial Fan Datasheet



Brand: Protechnic

SKU: [1047148857452](#)

Category: Axial & Centrifugal Fans

Price: **\$12.14**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mgt4012yb-w28c-protechnic-12vdc-0-38a-40x40x28mm-axial-fan>

Product Description

Protechnic MGT4012YB-W28C 40 x 40 x 28 mm 12 VDC 0.38 A axial cooling fan is a high-performance thermal management component. The unit features a dual ball bearing system for extended operational reliability and a 4-wire interface supporting PWM speed regulation and tachometer frequency generator output. Constructed with a PBT plastic housing and impeller rated UL 94V-0, it is designed to deliver high static pressure and concentrated airflow within a compact 4028 frame.

MGT4012YB-W28C Specifications

Model: MGT4012YB-W28C

Brand: Protechnic

Category: DC Axial Fan

Dimensions: 40 x 40 x 28 mm

Rated Voltage: 12 VDC

Operating Voltage: 7.0 to 13.8 VDC

Rated Current: 0.38 A

Input Power: 4.56 W

Bearing Type: Dual Ball Bearing

Rated Speed: 15,000 RPM

Maximum Airflow: 20.5 CFM

Static Pressure: 1.15 in-H₂O

Noise Level: 51.5 dBA

Interface: 4-wire (PWM, FG)

Material: PBT Plastic (UL 94V-0)

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +75 °C

Life Expectancy: 70,000 hours at 40 °C

Weight: 50 g

MGT4012YB-W28C Applications

Primary applications include integration into 1U/2U rackmount server chassis, high-density network switches, and telecommunications base stations. Deployed within power amplifier thermal management systems and industrial CNC control cabinets requiring high-pressure localized cooling.

Supplemental Images

