

MGT8012YB-O25G Protechnic 12VDC 80x80x25mm IP68 Axial Fan Datasheet



Brand: Protechnic

SKU: [1044489716873](#)

Category: Axial & Centrifugal Fans

Price: **\$22.36**

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Product Page:

<https://www.equipspares.com/product/mgt8012yb-o25g-protechnic-12vdc-80x80x25mm-ip68-axial-fan>

Product Description

Protechnic MGT8012YB-O25G is an 80 x 80 x 25 mm axial cooling fan operating at 12 VDC with a 0.18 A current rating and IP 68 ingress protection. The unit features a dual ball bearing system and a PBT plastic housing and impeller rated to UL 94 V-0 flammability standards. It delivers a rotational speed of 3200 RPM, generating an airflow of 38.5 CFM and a static pressure of 4.2 mmH₂O. The electrical interface consists of two lead wires, and the internal motor is brushless DC with polarity protection.

MGT8012YB-O25G Specifications

Model: MGT8012YB-O25G

Brand: Protechnic Electric

Dimensions: 80 x 80 x 25 mm

Rated Voltage: 12 VDC

Operating Voltage: 7.0 to 13.8 VDC

Rated Current: 0.18 A

Input Power: 2.16 W

Rated Speed: 3200 RPM

Maximum Airflow: 38.5 CFM

Static Pressure: 4.2 mmH₂O

Noise Level: 32 dBA

Bearing Type: Dual Ball Bearing

Ingress Protection: IP 68

Frame Material: PBT Plastic (UL 94 V-0)

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

Termination: 2-Wire Lead

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Weight: 75 g

Life Expectancy: 70,000 Hours at 40 °C

MGT8012YB-O25G Applications

Primary applications include integration into industrial control cabinets, outdoor telecommunications enclosures, and server rack thermal management systems. Deployed within CNC machine tool electronics, medical diagnostic equipment, and ruggedized power supply units requiring high-level moisture and dust resistance.

Supplemental Images

