

MGT8012XR-O25 Protechnic 12VDC 0.39A 8025 Cooling Fan Datasheet



Brand: Protechnic

SKU: [1041937611815](#)

Category: Axial & Centrifugal Fans

Price: **\$21.50**

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Product Page:

<https://www.equipspares.com/product/mgt8012xr-o25-protechnic-12vdc-0-39a-8025-cooling-fan>

Product Description

Protechnic MGT8012XR-O25 80 x 80 x 25 mm 12 VDC 49.89 CFM axial fan is constructed with a fiberglass-reinforced PBT plastic frame and impeller. This unit utilizes a specialized X-Bearing system to ensure rotational stability at a nominal speed of 3600 RPM. Electrical connection is established via a 3-wire lead configuration, supporting tachometer output for precise monitoring of the 0.39 A current draw. The unit generates a static pressure of 5.19 mmAq while maintaining a noise profile of 37.1 dB(A).

MGT8012XR-O25 Specifications

Model Number: MGT8012XR-O25

Brand: Protechnic Electric

Category: DC Axial Fan

Dimensions: 80 x 80 x 25 mm

Nominal Voltage: 12 VDC

Rated Current: 0.39 A

Power Consumption: 4.68 W

Rotational Speed: 3600 RPM

Airflow: 49.89 CFM

Airflow (Metric): 1.413 m³/min

Static Pressure: 50.91 Pa

Static Pressure (mmAq): 5.19 mmAq
Static Pressure (in H2O): 0.204 in H2O
Noise Level: 37.1 dB(A)
Bearing Type: X-Bearing
Frame Material: PBT Plastic (UL 94V-0)
Impeller Material: PBT Plastic (UL 94V-0)
Weight: 90 g
Termination: 3-Wire Leads
Operating Temperature: -10 to 70 °C
Storage Temperature: -40 to 70 °C
Insulation Resistance: 10 MΩ
Dielectric Strength: 500 VAC
Approvals: CE, TUV, UL

MGT8012XR-O25 Applications

Primary applications include integration into high-density server chassis, industrial switching power supplies, and telecommunications rack enclosures. Deployed within CNC control cabinets and medical diagnostic equipment for critical thermal management of internal logic boards and power modules.

Supplemental Images

