

MGT4012UB-W28E Protechnic 12VDC 0.55A 40x40x28mm Axial Fan Datasheet



Brand: Protechnic

SKU: [1047144233647](#)

Category: Axial & Centrifugal Fans

Price: **\$13.79**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/mgt4012ub-w28e-protechnic-12vdc-0-55a-40x40x28mm-axial-fan>

Product Description

Protechnic MGT4012UB-W28E is a 40 x 40 x 28 mm high-performance axial fan operating at 12 VDC with a 0.55 A current rating. The unit features a dual ball bearing system and a PBT thermoplastic housing and impeller rated UL 94V-0. It utilizes a 4-wire interface supporting PWM speed control and frequency generator signals. The internal motor is a brushless DC design with polarity protection and auto-restart functionality.

MGT4012UB-W28E Specifications

Model: MGT4012UB-W28E

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: 0.55 A

Input Power: 6.6 W

Rated Speed: 18000 RPM

Maximum Airflow: 23.5 CFM

Static Pressure: 1.25 in-H₂O

Noise Level: 54.5 dB(A)

Bearing Type: Dual Ball Bearing

Material: PBT Plastic (UL 94V-0)

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

Operating Temperature: -10 to +70 °C

Storage Temperature: -40 to +70 °C

Life Expectancy: 70,000 hours at 40 °C

Weight: 45 g

MGT4012UB-W28E Applications

Primary applications include integration into 1U/2U rackmount servers, high-density network switches, and industrial power supply units. Deployed within CNC controller cabinets and telecommunications base stations requiring high static pressure for dense component cooling.

Supplemental Images

