



4412FGL ebmpapst

Brand: ebmpapst

SKU: 4412FGL

Category: Axial compact fans

URL: <https://www.fansco.com/item/4412fgl-ebmpapst/>

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| Product Description

4412FGL ebmpapst DC 7~14V 94m³/h 119x119x25mm 26dB(A) 3.9B 12VDC Sintec Bearing

1.3W 1600RPM 2-Wire Leads axial compact fan

The 4412FGL is a DC axial compact fan by ebm-papst, designed for heat dissipation in small-to-medium equipment. Its electrical specifications include a 12VDC nominal voltage (7-14VDC wide voltage range), 1600rpm speed, 1.3W low power consumption, and an operating temperature range of -20°C to 75°C, delivering 94m³/h air flow with a low 26dB(A) noise level. Featuring a compact 119x119x25mm size and 0.175kg lightweight design, the fan uses a glass-fiber reinforced PBT plastic housing and glass-fiber reinforced PA plastic impeller for heat resistance and impact resistance. Equipped with a Sintec sleeve bearing, it offers an L10 service life of 80,000 hours at 40°C, and includes reverse polarity and blocked rotor protection. The AWG24 stripped and tin-plated cable allows for easy connection, with optional speed and alarm signals available. Certified by VDE, CSA, UL, and CE, this fan is suitable for electronics, home appliances, industrial control cabinets, and other applications, combining efficient cooling, quiet operation, and long-term reliability.

Technical Specifications

Attribute	Value
Part Number	4412FGL
Manufacturer	ebm-papst
Air Flow	55 CFM
Voltage Range	7~14V
Fan Type	DC
Noise Level	26 dB(A)
Sound power level	3.9B
Dimensions	119x119x25 mm
Air Flow (m3)	1.54m ³ /min
Series	4400F
Voltage Rating	12 VDC
Bearing Type	Sintec Bearing
Power Rating	1.3 W
Fan Speed	1600 RPM
Termination	2 Wire Leads
Operating Temperature	-4 ~ 167°F (-20 ~ 75°C)
Approval Agency	CE, CSA, UL, VDE
Weight	0.386 lb (175.09 g)
Subcategory	DC axial compact fan

