

4312 MV

DC axial compact fan



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Nominal data

Type	4312 MV	
Nominal voltage	[VDC]	12
Nominal voltage range	[VDC]	8 .. 15
Speed	[min ⁻¹]	2300
Power input	[W]	3,0
Min. ambient temperature	[°C]	-20
Max. ambient temperature	[°C]	65
Air flow	[m ³ /h]	140
Sound power level	[B]	5,3
Sound pressure level	[dB(A)]	39

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

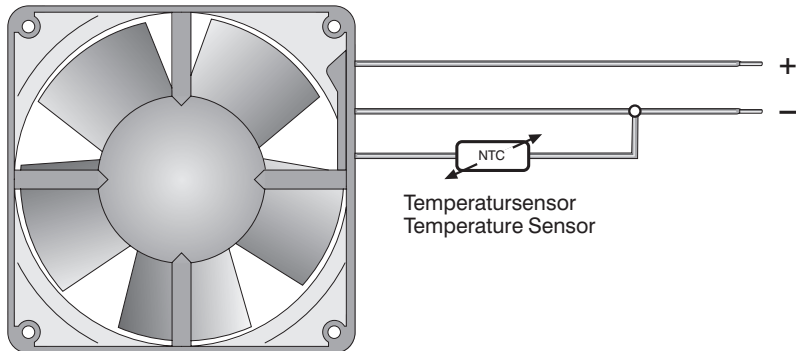
Technical features

Dimensions	119 x 119 x 32 mm
General description	Automatic adaptation of the speed to the cooling requirement. Closed loop speed control via external and internal temperature sensor. Electronic commutation completely integrated.
Connection line	Single strands AWG 22, TR 64, bared and tin-plated.
Locked-rotor protection	Blocking and overload protection
Direction of protection	Right, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Ball bearings
Lifetime L10 at 40 °C	70000 h
Lifetime L10 at maximum temperature	40000 h
Mass	0.220 kg
Housing material	Fiberglass-reinforced PBT plastic
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.
Option	Alarm signal
Approval	VDE, CSA, UL, CE

Product drawing



Connection screen



Charts: Air flow

