G1G133-DE19-02

EC centrifugal fan

forward curved, single inlet

with housing (without flange)

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Nominal data

Type	**G1G133-DE19-02**	
Motor	**M1G055-BD**	
Nominal voltage	VDC	24
Nominal voltage range	VDC	16 .. 28
Type of data definition		rfa
Speed	min-1	2000
Power input	W	40
Current draw	A	1.9
Max. ambient temperature	°C	60

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

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Technical features

General description	Integrated electronics
Size	133 mm
Operation mode	Continuous operation (S1)
Direction of rotation	Clockwise, seen on rotor
Mounting position	Any
Humidity class	F0
Insulation class	"B"
Cable exit	Lateral
Motor bearing	Ball bearing
Mass	1.3 kg
Material of electronics housing	Rotor: Galvanized
Material of impeller	Hot-dip galvanized sheet steel
Motor protection	Reverse polarity and locked-rotor protection
Type of protection	IP 22
Protection class	I
Technical features	Control input 0-10 VDC / PWM, tach output, polarity and locked rotor protection
Approval	CSA C22.2 Nr.77; UL 1004-1

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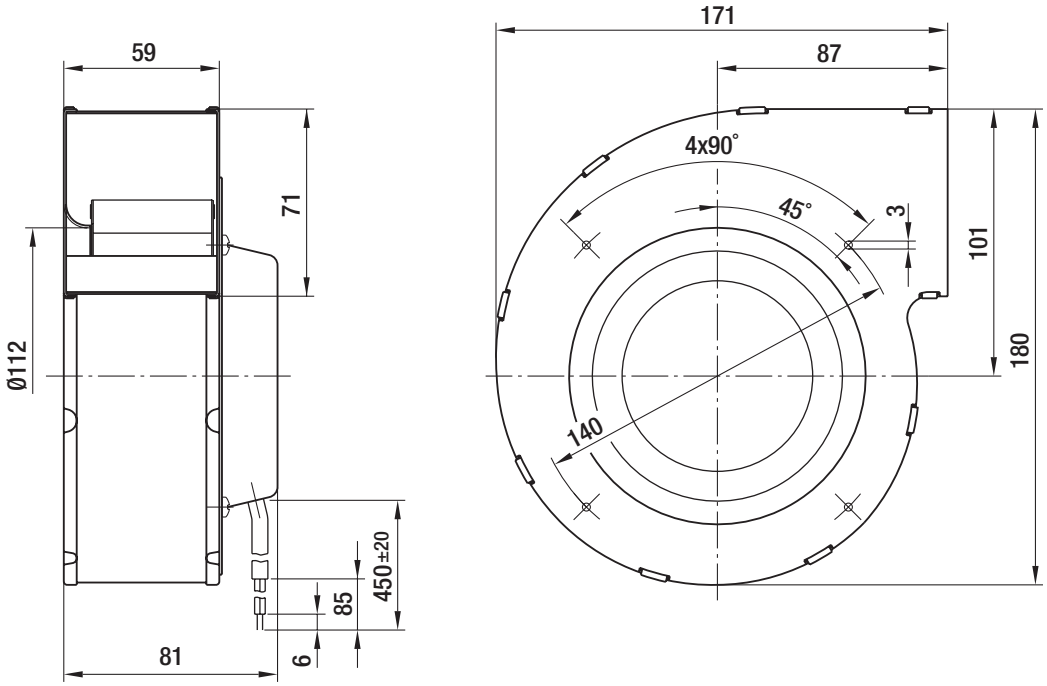
Product drawing



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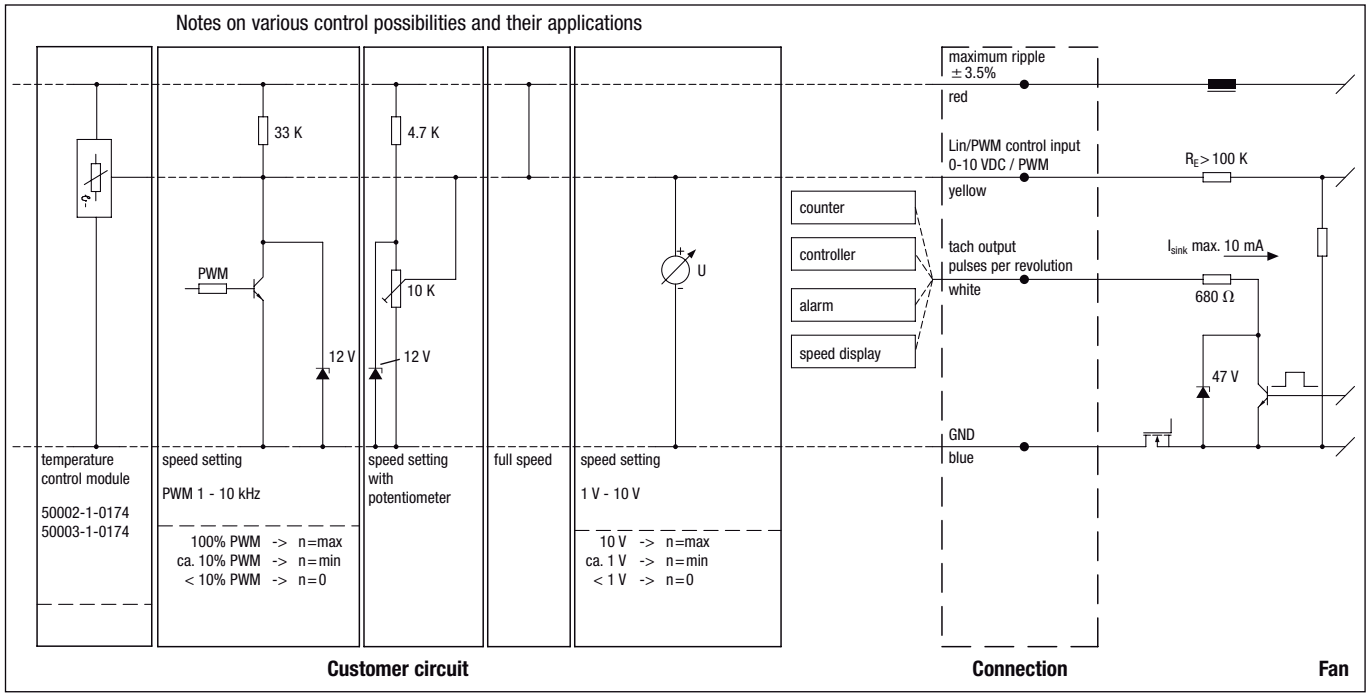
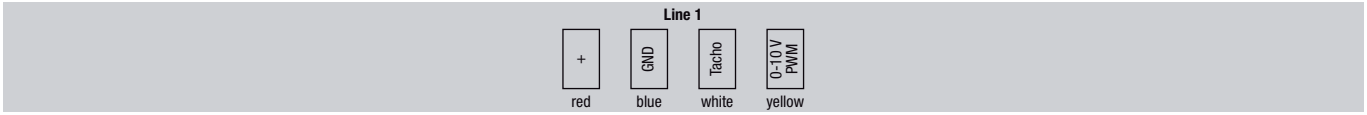
Connection screen





Line	Signal	Colour	Assignment / function
1	+	red	maximum ripple ± 3.5 %
	GND	blue	GND

Line	Signal	Colour	Assignment / function
1	Tacho	white	Tach output: pulses per revolution
	0-10 V / PWM	yellow	Control input

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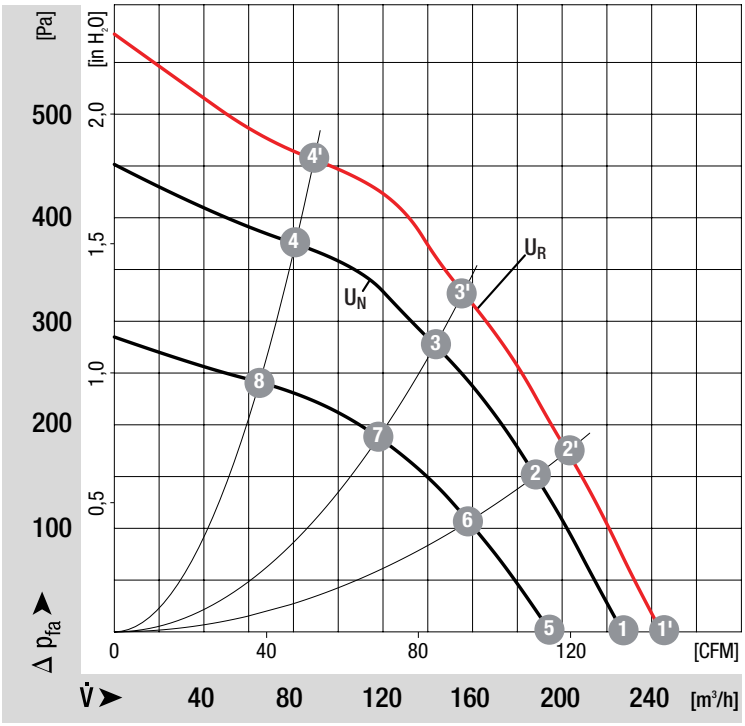
Charts: Air flow



Measured values

	n	P_e
	min-1	W
1'	2170	57
2'	2410	51
3'	2750	44
4'	3200	36
1	2000	45
2	2230	40
3	2540	35
4	2920	27
5	1750	28
6	1910	24
7	2120	20
8	2370	15

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