EC centrifugal fan

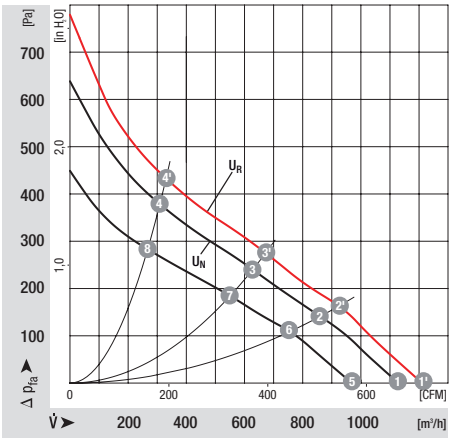
Backward curved

- **Technical equipment:** 0-10 VDC / PWM control input, tach output
- **Impeller material:** All-plastic impeller of PA 6.6 GV, injected round sheet-metal plate
- **Bearings:** Maintenance-free ball bearings

Nominal data		Voltage	Voltage range VDC	Air flow	Speed	Power consumption	Current draw	Sound pressure level	Operative range	Weight
Type	**Motor**	**VDC**	**VDC**	**m³/h**	**1/min**	**W**	**A**	**dB(A)**	**Pa**	**kg**
R1G225AF0752	M1G074BF	24	16 - 28	1125	2600	100	4.60	67	0 .. 780	1.5

Subject to modification

Characteristic: Pressure over air flow



	n [min-1]	P_1 [W]	ntl [%]	Lpa [dBA]
1'	2780	112	--	69
2'	2610	116	48	64
3'	2570	117	57	62
4'	2780	112	42	66
1	2700	95	--	67
2	2450	93	48	63
3	2400	94	57	60
4	2610	91	42	64
5	2230	59	--	63
6	2150	63	48	58
7	2100	64	57	56
8	2230	58	42	58

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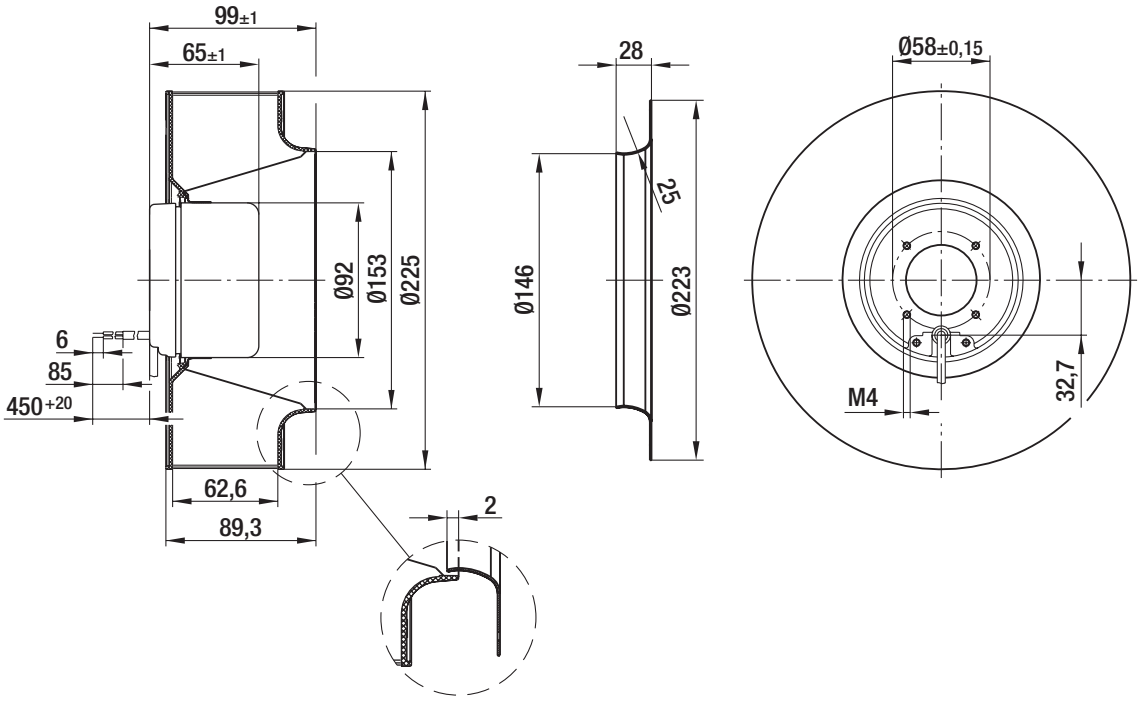
Specific drawing



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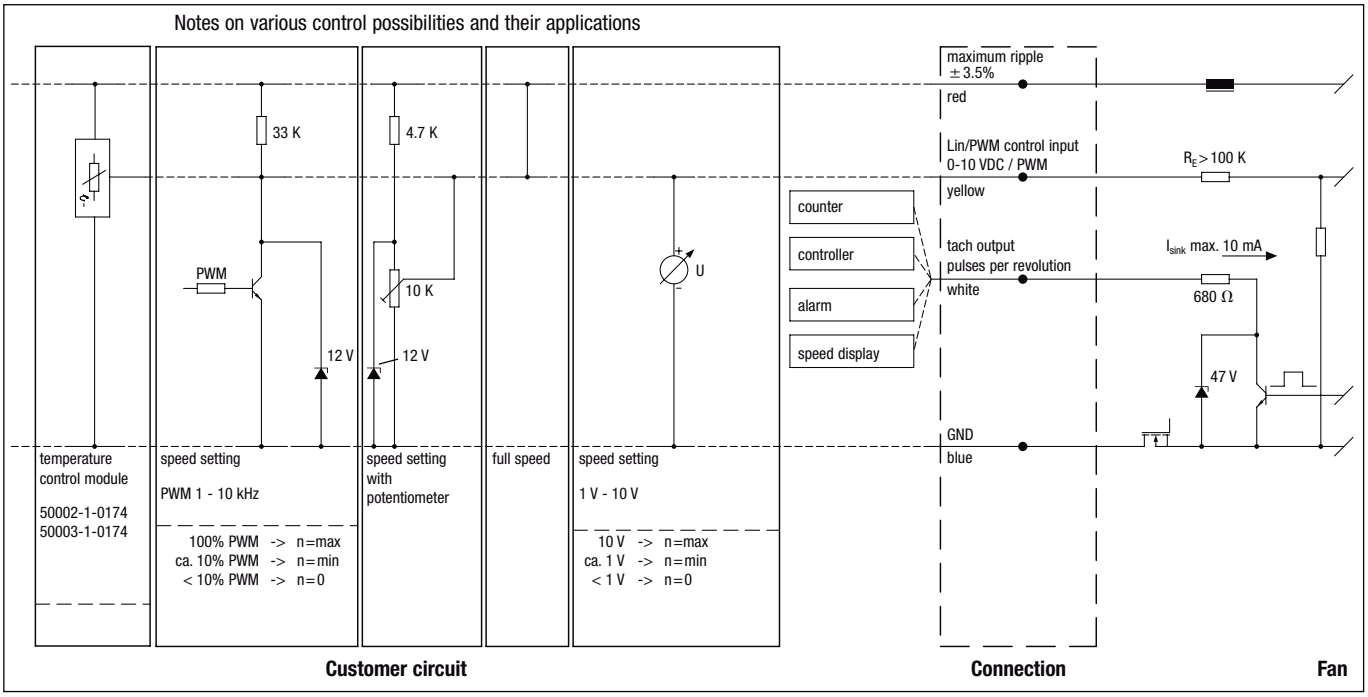
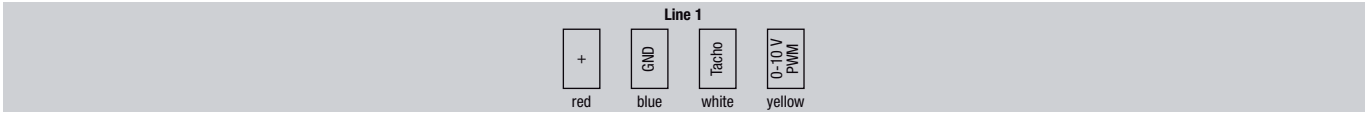
Connection illustration





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

Technical description

- **Technical equipment:** 0-10 VDC / PWM control input, tach output
- **Bearings:** Maintenance-free ball bearings
- **Number of impeller blades:** 7
- **Cable layout:** Variable
- **Screw depth:** Max. 6 mm
- **Insulation class:** "B"
- **System of protection:** IP 42
- **Impeller material:** All-plastic impeller of PA 6.6 GV, injected round sheet-metal plate
- **Direction of rotation:** Right, looking at rotor
- **Electrical connection:** Cable ends with wire-end clamps
- **Installation orientation / condensate discharge holes:** Any
- **Operating mode:** S1
- **Protection class:** I

Contact

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