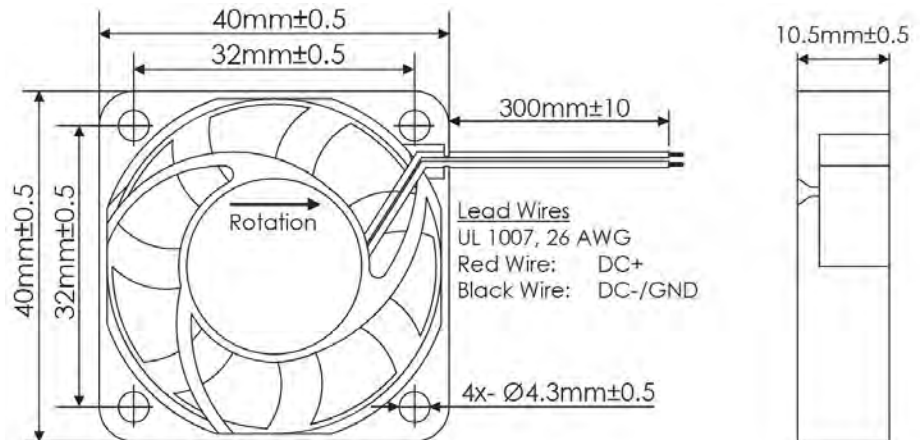


OD4010 Series



DC Fans - 5, 12, 24V
40mm x 10.5mm (1.6" x 0.4")



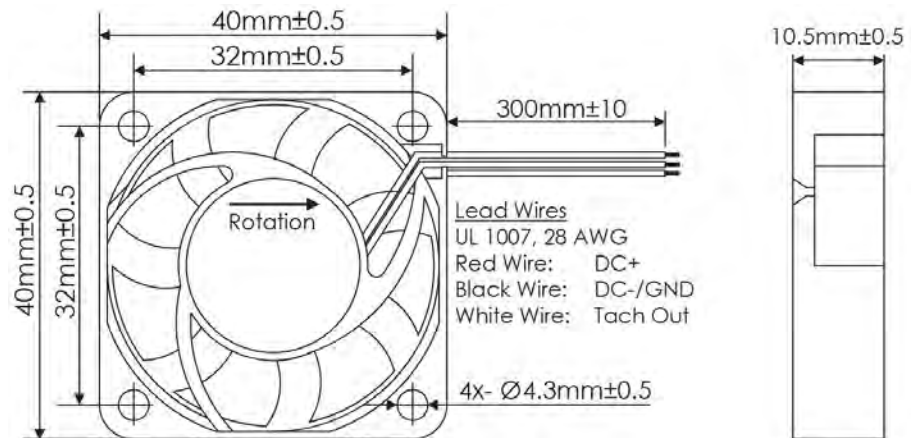
Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C	
Impeller	PBT, UL94 V-0 Plastic	<u>Storage Temperature</u> -20°C ~ +75°C	
Connection	2x Lead Wires, 26 AWG	<u>Life Expectancy</u> 60,000 Hours (L10 at 45°C)	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected	<u>Available Options</u> PWM Speed Control Input Tachometer Output Alarm Output IP Ratings Sealed Sleeve Bearings	
Bearing System	Ball Bearings	Weight: 0.044 lbs	
Dielectric Strength	500VDC/min, <1mA		
Insulation Resistance	≥10MΩ @ 500 VDC		

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps)(Max)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OD4010-05HHB	5	4.5 ~ 5.5	0.5	0.10(0.30)	10000	12	38.2	0.34
OD4010-05HB	5	4.5 ~ 5.5	0.5	0.10(0.30)	8000	9.2	33.4	0.20
OD4010-05MB	5	4.5 ~ 5.5	0.36	0.07(0.12)	6000	7.2	26.3	0.12
OD4010-05LB	5	4.5 ~ 5.5	0.30	0.06(0.10)	4000	4.7	20.1	0.07
OD4010-12HHB	12	10.8 ~ 13.2	0.72	0.07(0.18)	10000	12	38.2	0.34
OD4010-12HB	12	10.8 ~ 13.2	0.72	0.07(0.12)	8000	9.2	33.4	0.20
OD4010-12MB	12	10.8 ~ 13.2	0.6	0.05(0.10)	6000	7.2	26.3	0.12
OD4010-12LB	12	10.8 ~ 13.2	0.50	0.04(0.06)	4000	4.7	20.1	0.07
OD4010-24HHB	24	21.6 ~ 26.4	1.45	0.06(0.09)	10000	12	38.2	0.34
OD4010-24HB	24	21.6 ~ 26.4	1.45	0.06(0.08)	8000	9.2	33.4	0.20
OD4010-24MB	24	21.6 ~ 26.4	1.2	0.05(0.07)	6000	7.2	26.3	0.12
OD4010-24LB	24	21.6 ~ 26.4	0.73	0.03(0.05)	4000	4.7	20.1	0.07

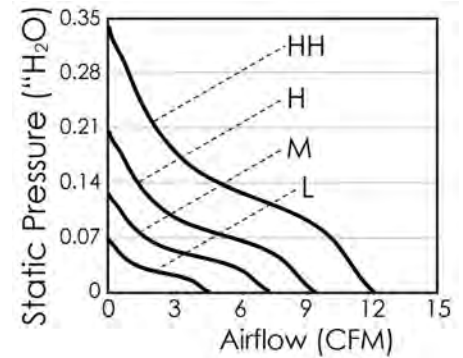
OD4010 Series with Tach



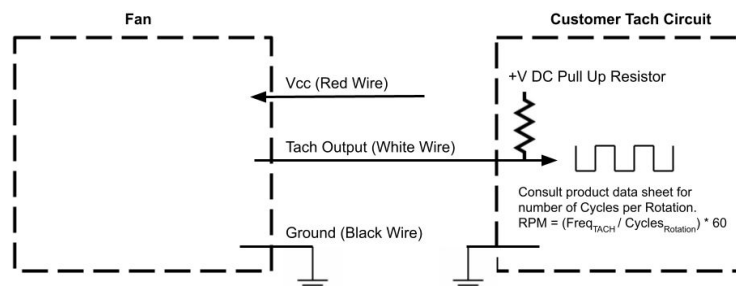
DC Fans - 5, 12, 24V
40mm x 10.5mm (1.6" x 0.4")



Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C	 A line graph showing the relationship between Static Pressure (inches of water) on the y-axis and Airflow (CFM) on the x-axis. The y-axis ranges from 0 to 0.35 with increments of 0.07. The x-axis ranges from 0 to 15 with increments of 3. Four curves are plotted, labeled HH, H, M, and L from top to bottom. Each curve starts at a different static pressure at 0 CFM and decreases as airflow increases, eventually reaching 0 static pressure at a specific airflow rate. HH starts at ~0.34 and reaches 0 at ~11 CFM. H starts at ~0.21 and reaches 0 at ~10 CFM. M starts at ~0.13 and reaches 0 at ~8 CFM. L starts at ~0.08 and reaches 0 at ~6 CFM. Dashed lines extend from the end of each curve to the axes.
Impeller	PBT, UL94 V-0 Plastic		
Connection	3x Lead Wires, 28 AWG		
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected		
Bearing System	Ball Bearings		
Dielectric Strength	500VDC/min, <1mA	<u>Storage Temperature</u> -20°C ~ +75°C	
Insulation Resistance	≥10MΩ @ 500 VDC	<u>Life Expectancy</u> 60,000 Hours (L10 at 45°C)	
<u>Installed Options</u> Open Collector Tach Output			
Weight: 0.044 lbs			



Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps) (Max)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OD4010-05HHB01A	5	4.5 ~ 5.5	0.5	0.10(0.30)	10000	12	38.2	0.34
OD4010-05HB01A	5	4.5 ~ 5.5	0.5	0.10(0.30)	8000	9.2	33.4	0.20
OD4010-05MB01A	5	4.5 ~ 5.5	0.36	0.07(0.12)	6000	7.2	26.3	0.12
OD4010-05LB01A	5	4.5 ~ 5.5	0.30	0.06(0.10)	4000	4.7	20.1	0.07
OD4010-12HHB01A	12	10.8 ~ 13.2	0.72	0.07(0.18)	10000	12	38.2	0.34
OD4010-12HB01A	12	10.8 ~ 13.2	0.72	0.07 (0.12)	8000	9.2	33.4	0.20
OD4010-12MB01A	12	10.8 ~ 13.2	0.6	0.05(0.10)	6000	7.2	26.3	0.12
OD4010-12LB01A	12	10.8 ~ 13.2	0.50	0.04(0.06)	4000	4.7	20.1	0.07
OD4010-24HHB01A	24	21.6 ~ 26.4	1.45	0.06(0.09)	10000	12	38.2	0.34
OD4010-24HB01A	24	21.6 ~ 26.4	1.4	0.06 (0.08)	8000	9.2	33.4	0.20
OD4010-24MB01A	24	21.6 ~ 26.4	1.2	0.05(0.07)	6000	7.2	26.3	0.12
OD4010-24LB01A	24	21.6 ~ 26.4	0.73	0.03(0.05)	4000	4.7	20.1	0.07

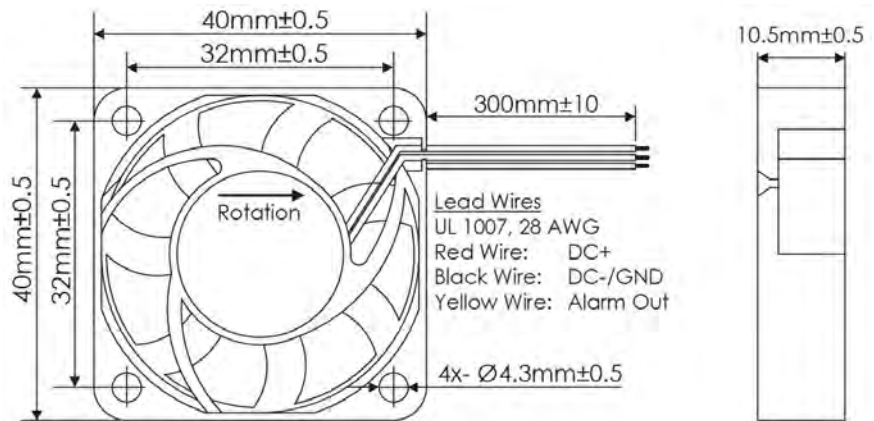


Tach Max Pullup Voltage: Fan Vcc
Tach Max Sink Current: 5mA
Tach Cycles per Rotation: 2

OD4010 Series with Alarm

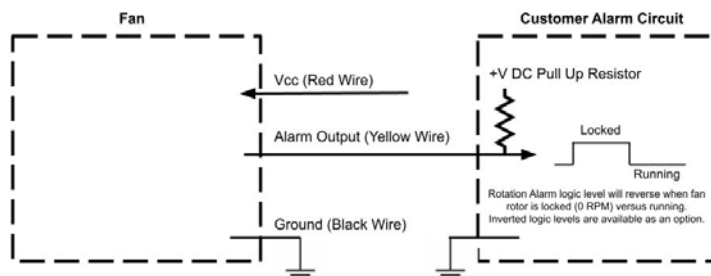


DC Fans - 5, 12, 24V
40mm x 10.5mm (1.6" x 0.4")



Frame	PBT, UL94 V-0 Plastic	<u>Operating Temperature</u> -20°C ~ +65°C	
Impeller	PBT, UL94 V-0 Plastic		
Connection	3x Lead Wires, 28 AWG	<u>Storage Temperature</u> -20°C ~ +75°C	
Motor	Brushless DC, Auto Cutoff, Auto Restart, Polarity Protected, Electronically Protected	<u>Life Expectancy</u> 60,000 Hours (L10 at 45°C)	
Bearing System	Ball Bearings	<u>Installed Options</u> Open Collector Alarm Output	
Dielectric Strength	500VDC/min, <1mA	Weight: 0.044 lbs	
Insulation Resistance	≥10MΩ @ 500 VDC		

Part Number	Rated Voltage (Volts DC)	Voltage Range (Volts DC)	Input Power (Watts)	Rated Current (Amps) (Max)	Rated Speed (RPM)	Max Airflow (CFM)	Noise Level (dBA)	Max Static Pressure ("H ₂ O)
OD4010-05HHB02A	5	4.5 ~ 5.5	0.5	0.10(0.30)	10000	12	38.2	0.34
OD4010-05HB02A	5	4.5 ~ 5.5	0.5	0.10(0.30)	8000	9.2	33.4	0.20
OD4010-05MB02A	5	4.5 ~ 5.5	0.36	0.07(0.12)	6000	7.2	26.3	0.12
OD4010-05LB02A	5	4.5 ~ 5.5	0.30	0.06(0.10)	4000	4.7	20.1	0.07
OD4010-12HHB02A	12	10.8 ~ 13.2	0.72	0.07(0.18)	10000	12	38.2	0.34
OD4010-12HB02A	12	10.8 ~ 13.2	0.72	0.07 (0.12)	8000	9.2	33.4	0.20
OD4010-12MB02A	12	10.8 ~ 13.2	0.6	0.05(0.10)	6000	7.2	26.3	0.12
OD4010-12LB02A	12	10.8 ~ 13.2	0.50	0.04(0.06)	4000	4.7	20.1	0.07
OD4010-24HHB02A	24	21.6 ~ 26.4	1.45	0.06(0.09)	10000	12	38.2	0.34
OD4010-24HB02A	24	21.6 ~ 26.4	1.4	0.06 (0.08)	8000	9.2	33.4	0.20
OD4010-24MB02A	24	21.6 ~ 26.4	1.2	0.05(0.07)	6000	7.2	26.3	0.12
OD4010-24LB02A	24	21.6 ~ 26.4	0.73	0.03(0.05)	4000	4.7	20.1	0.07



Alarm Max Pullup Voltage:
Alarm Max Sink Current:
Alarm Active Logic State:

Fan +Vcc
5mA
HIGH