



## BGE3004A Non-Programmable Drive

The BGE3004A brushless motor drive is a non-programmable single-quadrant speed controller. Speeds can be controlled between 500 – 5000 rpm with a 0-10VDC reference voltage.

### ■ Benefits

- Speed control with PWM
- Integral potentiometer for speed setting
- Protection against under-voltage, reverse polarity, stall protection and over temperature
- Compact Size: 2.72 in x 1.58 in x .71 in (69 mm x 40 mm x 18 mm)

### ■ Characteristics

Data	Units	Part No.
		BGE3004A
Voltage Range	V DC	12 to 40
Continuous Output Current	Amps	4 A rms
Communication (A)		0 to 10 V analog
Peak Output Current	Amps	34 A
Speed Range	RPM	500 - 5000
Torque Mode		No
Speed Mode		Yes
Position Mode		No
Size	mm	69 x 40 x 18

### ■ Wire Assignment

Color	Signal
Black	GND
Red	+Vc
Brown	N-analog
Yellow	cw / ccw
Green	Start / Stop

### ■ Wire Assignment

PIN	Color	BGE3004A
1	Black	Motor Phase B
2	Red	Motor Phase A
3	Brown	Motor Phase C
4	Black	GND (Hall)
5	Yellow	H1
6	Green	H2
7	Brown	H3
8	Red	+12 Vc (Hall)

### Dimensional Drawing: BGE3004A

