

# LEA, LEB, LEC, LEM Motor Ordering Information

## Coil

Model	Number of Coil Sets	Winding Code	Cooling Option	Thermal Protection	Hall Feedback	Hall Mounting
LEA-S	1-	S-	NC-	TE-	HET-	(NS)

LEA-S  
LEB-S  
LEC-S  
LEM-S

- 1 = 1 Coil Set
- 2 = 2 Coil Sets
- 3 = 3 Coil Sets
- 4 = 4 Coil Sets
- 6 = 6 Coil Sets
- 8 = 8 Coil Sets

**Note:** See specification table for motor model coil set

- S = Series
- P = Parallel
- SP = Series/Parallel

**Note:** See specification table for motor model winding

- NC = No Cooling
- AC = Air Cooling
- WC = Water Cooling

- TE = Thermistor
- NT = No Thermistor

- NH = No Hall
- HET = Trapezoidal Hall Effect
- HES = Sinusoidal Hall Effect

(NS) = Non Standard Hall Mounting

**Note:** Standard hall effect mounting is on the cable side of the motor, otherwise indicate (NS)

## Magnet Channel

Model	Magnet Length
LEA-S-	225

LEA-S  
LEB-S  
LEC-S  
LEM-S

- 225 = 225mm
- 300 = 300mm
- 375 = 375mm
- 450 = 450mm
- 525 = 525mm
- 600 = 600mm
- 675 = 675mm
- 750 = 750mm

Cable Coding				
Motor Leads (Standard)	Color	Function	Cable Length	
	RED	ØA		0.3m (1 ft)
WHT	ØB			
BLK	ØC			
GRN	GND			
Thermistors (Optional)	BLK	125°C	0.3m (1 ft)	
	BLK	125°C		
Hall Effect Connector (Optional)		Trap	Sine	0.3m (1 ft)
	RED	V+	I+	
	BLU	S2	A+	
	WHT	S1	A-	
	ORN	S3	B+	
	GRN		B-	
BLK	VRTN	I-		

**Note:** I+ = 5 mA Nominal; V+ = 5-24 Vdc  
Motor and hall effect cables are shielded.