

2021 Stepper Motor Wiring Standards

	Military Specification Connector	Anaheim Automation 4 lead Bipolar Series	Anaheim Automation 4 lead Bipolar Parallel	Stepper On Line	Superior Electric 6 Wire	Superior Electric 8 Wire	Superior Electric 6w Series	General Lift Connector* Size 13 Connector*	National Wire & Cable 2484 (4 wire)	Pacific Scientific PowerPac	Pacific Scientific Full Moon & PowerMax II **	Pacific Scientific	IOTA Connector	Beijing Winner Rotator Motor DB9	
Ground (Optional) Shield	G									3	Green			1	
Phase A+ 	C	Black	Black - White/Orange	Black	Red/ White	Red/ White	Green/ White	7	4	BLK	Black	Yellow - Red/White	Orange - Black/ White	3	6
Phase A- 	F	Orange	Orange - White/Black	Green	Black	Red - White/Black	Green	8	5	Orange	Orange	Red - Yellow/White	Black - Orange/White	4	7
N/C	A				Red					6					
N/C	D				Green					7					
Phase B+ 	B	Red	Red - White/Yellow	Red	White	Orange - Green/White	Red/ White	4	8	Red	Red	Orange - Black/White	Yellow - Red/White	6	8
Phase B- 	E	Yellow	Yellow - White/Red	Blue	Green/ White	Green - Black/White	Red	5	9	BRN	Yellow	Black - Orange/White	Red - Yellow/White	7	9

* General Lift Connector = AMP Circular Plastic Connector (CPC)- Series 1, 9 contacts, size 13 shell

** Pacific Scientific 8 lead connector wired bipolar parallel.