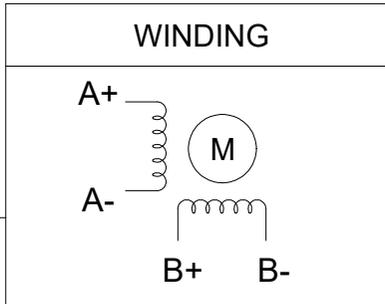


PHOTOELECTRIC SWITCH SEQUENCE		
PIN NO	BIPOLAR	LEADS
1	+5~24V	BRN
2	GND	BLU
3	SIGNAL LINE	BLK
4	N/A	WHT

FULL STEP 2 PHASE-Ex.,WHEN FACING MOUNTING END (X)

STEP	A+	B+	A-	B-	CW CCW	UNIT mm GB/T 1804-M EQV.ISO 2768-1 CLASS M: <=6 ±0.1 >6~30 ±0.2 >30~120 ±0.3 >120~400 ±0.5
1	+	+	-	-		
2	-	+	+	-		
3	-	-	+	+		
4	+	-	-	+		



PIN NO	BIPOLAR	LEADS
1	A+	RED
2	A-	RED/WHT
3	B+	GRN
4	B-	GRN/WHT

SPECIFICATION	CONNECTION	BIPOLAR
AMPS/PHASE		1.50
RESISTANCE/PHASE(Ohms)@25°C		1.70±10%
INDUCTANCE/PHASE(mH)@1KHz		2.50±20%
HOLDING TORQUE(Nm)[lb-in]		0.25[2.22]
MAXIMUM THRUST(N)		250
STEP ANGLE(°)		1.80
STEP ACCURACY(NON-ACCUM)		±5.00%
LEAD(mm)[in]		2.54[0.10]
LINEAR TRAVEL/STEP(mm)[in]		0.0127[0.0005]
RATED LOAD CAPACITY(N)		300
MAX SPEED(mm/s)		38.1
POSITION ACCURACY(mm)		±0.02
AMBIENT TEMPERATURE		-20°C~50°C[-4°F~122°F]
INSULATION CLASS		B 130°C[266°F]
TEMPERATURE RISE		MAX.80°C

OSMTEC[®]
Stepper Motor Specialists

mm	
UNITS	DRN LDJ 1.14.2026
1:1	APVD ZPJ 1.19.2026
SCALE	SIGNATURE DATE

STEPPER MOTOR LINEAR ACTUATOR
LMD17S13GF15-120