

Stepper-Motor Howard Ind. P/N 1-19-4202 *

Best.Nr. 310 232

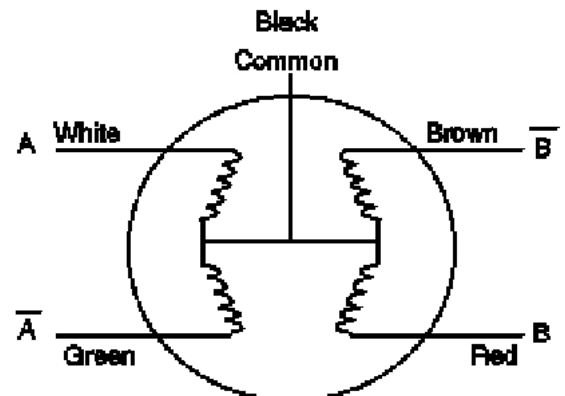
* Baugleich mit Jameco SM4202 (Part.Nr. 105873)

Specifications:

Unipolar (4 Phase)
12 VDC, 150mA
Coil: 75 Ohm, 43mH
3.6 degrees/step
Shaft: 0.19"D x 0.43"L
Mounting Hole Spacing: 1.73"
Mounting Hole Diameter: 0.11"
Motor: 1.66"D x 1.35"H
Detent Torque: 80 g-cm
Holding Torque: 504 g-cm
Weight: 0.5 Lbs.

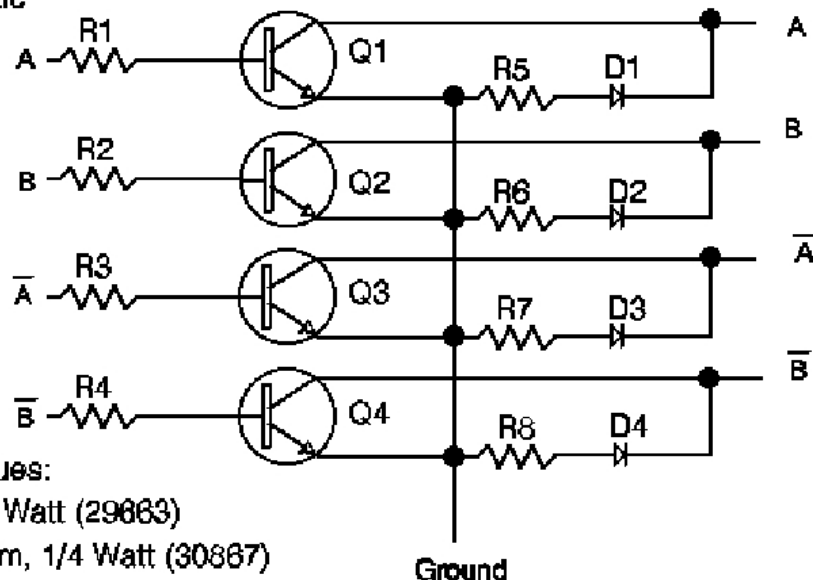
Applications:

Automation
Robotic Control
Precision Mechanical Control



Step	A	B	\bar{A}	\bar{B}	Common
1	-	-			+
2		-	-		+
3			-	-	+
4	-			-	+
5	-	-			+

Driver Schematic



Suggested Values:

R1-R4=1K, 1/4 Watt (29863)
R5-R8=330 Ohm, 1/4 Watt (30867)
Q1-Q4=MJE3055T (25857)
D1-D4=1N4003 (78970)