

ELECTRICAL DATA

VOLTAGE (VDC)8
 INPUT POWER (W)(MAX)(@-20° TO+80°C)..... 1.015±10%
 RESISTANCE PER PHASE (OHM) @22°C63±6

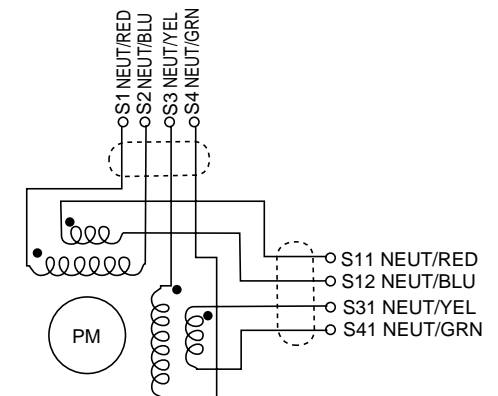
SEQUENTIAL SWITCHING INFORMATION FOR CW ROTATION VIEWED FROM SHAFT END

STEP	NEUT/RED	NEUT/BLU	NEUT/YEL	NEUT/GRN
1	+	-	0	0
2	0	0	-	+
3	-	+	0	0
4	0	0	+	-
5	+	-	0	0

GENERAL DATA

STEP ANGLE (DEGREES).....0.1125±10%
 STEP RATE (REVERSIBLE)(STEPS.SEC)(NOM)..... 12pps
 RUNNING TORQUE (OZ-IN)(MIN).....173@12pps
 STALL TORQUE (OZ-IN)(MIN)(@-55° TO +80°C)293
 DETENT TORQUE (OZ-IN)(@-55° TO +80°C)80 TO 160
 ROTOR INERTIA (STEPPER MOTOR)(g-cm²)215
 SHAFT RADIAL PLAY MEASURED 1/8 FROM BEARING WITH 8 OZ
 REVERSING RADIAL LOAD APPLIED 1/4 FROM BEARING (MAX).....0.0008
 SHAFT END PLAY CHECKED WITH A 16 OZ REVERSING AXIAL LOAD...0.002 MAX
 SHAFT RUNOUT NOT EXCEED0.001 TIR
 TEMPERATURE RANGE (°C)-20 TO +80 OPERATING
 WEIGHT (LBS)2.24±.2

CIRCUIT DIAGRAM



• INDICATES WINDINGS POLARITY
 WIRE COLORS SHOWN INDICATE NEUTRAL BACKGROUND WITH COLORED STRIPE.