Clockwise rotation, viewed from the motor shaft, results in these waveforms.

Encoder Waveforms

Motor Waveforms

ENCODER IS UNGATED

ENCODE CABLE WIRING CODE

FROM | WIRE COLOR | WIRE SIZE
-----|------------|------------
OUTPUT A | BROWN | #28 AWG.
OUTPUT A' | WHITE | #28 AWG.
OUTPUT B | BLUE | #28 AWG.
OUTPUT B' | GREEN | #28 AWG.
OUTPUT Z | ORANGE | #28 AWG.
OUTPUT Z' | YELLOW | #28 AWG.
OUTPUT U (H3) | VIOLET | #28 AWG.
OUTPUT V (H2) | BROWN/WHITE | #28 AWG.
OUTPUT W (H1) | ORANGE/WHITE | #28 AWG.
CASE GROUND | BLACK WHITE | #28 AWG.
CABLE SHIELD | DRAIN | #28 AWG.
COMMON | RED | #28 AWG.
COMMON | BLACK | #28 AWG.

MOTOR CABLE WIRING CODE

FROM | WIRE COLOR | WIRE SIZE
-----|------------|------------
MOTOR M1 | WHITE | #12 AWG.
MOTOR M2 | BLACK | #12 AWG.
MOTOR M3 | RED | #12 AWG.
CASE | GREEN | #12 AWG.

NOTES:
1. ROTATION: CLOCKWISE MOTOR ROTATION VIEWING DRIVE END OCCURS WHEN PHASE A LEADS PHASE B, PHASE B LEADS PHASE C.