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

Encoder Waveforms

Motor Waveforms

ENCODER 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.
+ 5 VDC RED # 28 AWG.
COMMON BLACK # 28 AWG.

MOTOR CABLE WIRING CODE
FROM WIRE COLOR WIRE SIZE
MOTOR M1 WHITE # 12 AWG.
MOTOR M3 RED # 12 AWG.
MOTOR M2 BLACK # 12 AWG.
CASE GREEN # 12 AWG.

NOTES:

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

Dimensions in Brackets [Dual] Are in Millimeters

Motor Leads 18" Min Length

Shrink Tubing

Encoder Leads 18" Min Length

Motor Leads

Encoder Leads

SHRINK TUBING

ENCODER LEADS

18" MIN LENGTH