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

Encoder Waveforms:
- M1-M2
- M2-M3
- M3-M1
- H1
- H2
- H3

Motor Waveforms:
- CW
- FLAT

Encoder Waveform:
- 120°
- 240°
- 45°

NOTE:
1. ROTATION: CLOCKWISE 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 CONNECTOR
INTER CONTEC P/N:
BEDC-089-NN-00-00-0005-000

ENCODER CONNECTOR
INTER CONTEC P/N:
AEDC-113-NN-00-00-0012-000

NOTES:
- MOTOR CONNECTOR & FLAT ENDED ENCoders & CONNECTORS & Flats

MOTOR CONNECTOR & FLAT ENDED ENCoders & CONNECTORS & Flats

ENCODER CONN WIRING
FROM TO PIN
OUTPUT B  1
OUTPUT B'  2
OUTPUT A  3
OUTPUT A'  4
OUTPUT Z  5
OUTPUT Z'  6
COMMON  7
+ 5 VDC  10
CASE GROUND  11
OUTPUT U (H3)  15
OUTPUT V(H2)  16
OUTPUT W(H1)  17

ENCODER CAGE SHIELD IS NOT CONNECTED AT MOTOR END

ENCODER CONNECTOR

MOTOR CONN. WIRING CODE
FROM TO PIN
MOTOR M1  1
MOTOR M3  3
MOTOR M2  4

ENCODER CONNECTOR

REV  ISN
A  D005-00  12/07/05  L.M.
B  D006-00  1/19/06  L.M.
C  D007-00  1/05/06  L.M.
D  D008-00  1/20/06  L.M.

ENCODER CAGE SHIELD IS NOT CONNECTED AT MOTOR END

Angles: ±4°

Motor Waveforms:
- CW
- FLAT

Dimensions in millimeters (mm)

Remove Burrs & Sharp Edges.
Interpret dim. and tol. per ASME Y14.5M-1994.

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