

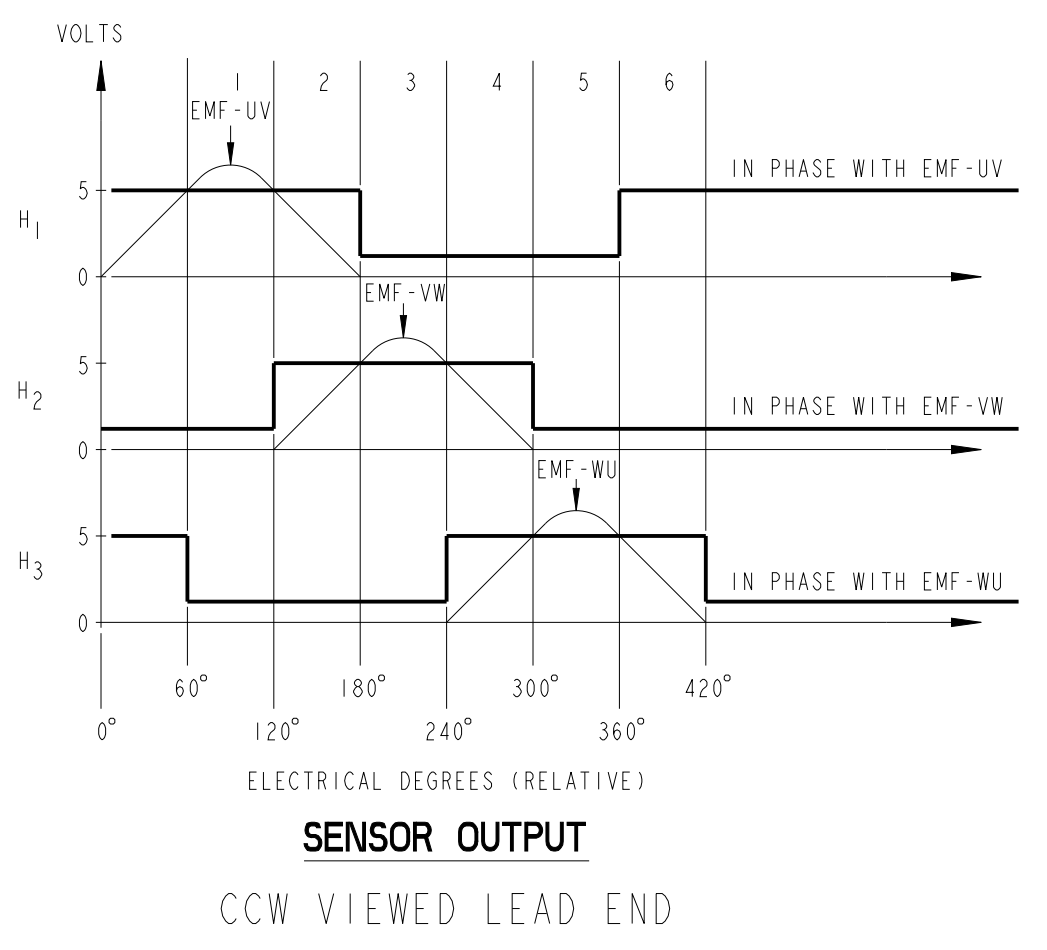
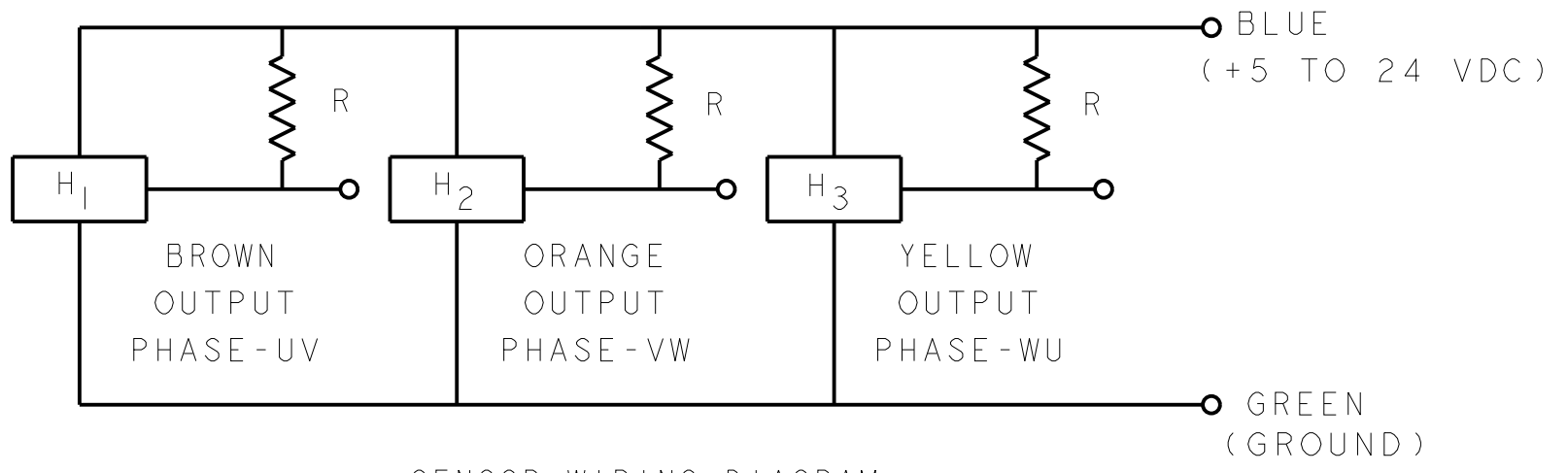
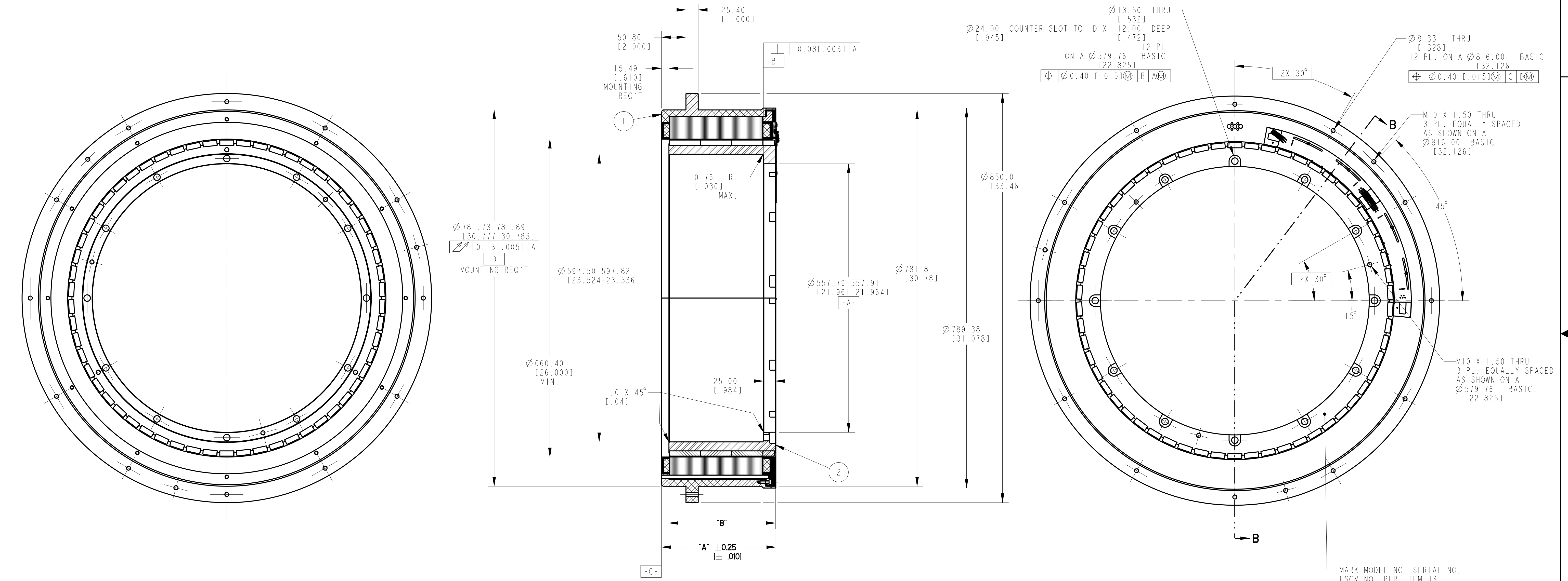
REV	ECN NO.	DESCRIPTION	DATE	APPROVED
A	001-13452	SEE ECO HLW	3-04-2010	TKB
B	001-13851	SEE ECO LAT	22-Nov-10	LW
C	001-16451	SEE ECO ALM	9/12/14	LW

- NOTES:
- FOR A C.C.W. ROTATION, AS VIEWED FROM LEAD END, ENERGIZE PER EXCITATION SEQUENCE BELOW.
 - MOTOR SUPPLIED AS TWO SEPARATE COMPONENTS, ARMATURE ASSEMBLY, AND FIELD ASSEMBLY.
 - DIMENSIONS IN BRACKETS [] ARE ENGLISH UNITS FOR REFERENCE ONLY.
 - HIGH STRENGTH ALLOY STEEL BOLTS MUST BE USED FOR MOUNTING. (METRIC CLASS 12.9, ASTM GRADE A574)
 - R=1.5KOHMS APPROX (CUSTOMER SUPPLIED)
 - EMF-UV, EMF-VW AND EMF-WU IS BACK EMF OF MOTOR PHASES UV, VW AND WU RESPECTIVELY, ALIGNED WITH SENSOR OUTPUT AS SHOWN FOR C.C.W. ROTATION.
 - RoHS (DIRECTIVE 2002/95/EC AND AMENDMENTS) COMPLIANCE REQUIRED.

MOTOR LEADS:
 #10 AWG, TEFLON INSULATED, U.L.1199
 3 LEADS, 900 mm [35"] MIN
 1- BLUE 1- BROWN 1- VIOLET

THERMISTOR LEADS:
 #26 AWG, TEFLON INSULATED
 4 LEADS, 900 mm [35"] MIN
 2- BLUE 2- RED

SENSOR LEADS:
 #26 AWG TEFLON COATED PER MIL-W-22759/11
 5 LEADS, 900 MM [35"] MIN
 1-BLUE 1-GREEN 1-BROWN 1-ORANGE 1-YELLOW



POWER CONNECTION

STEP	PHASE "U" BLUE	PHASE "V" BROWN	PHASE "W" VIOLET
1	(+)	(-)	(-)
2	(+)	(-)	(-)
3	(-)	(+)	(-)
4	(-)	(+)	(-)
5	(-)	(-)	(+)
6	(-)	(-)	(+)

EXCITATION SEQUENCE TABLE

SECTION B-B

TABLE 1

MODEL NUMBER	ARMATURE & HOUSING ASSEMBLY	FIELD ASSEMBLY	DIM "A"	DIM "B"
KBM(S)-260X01	947988/01X	947989/01	172.62 [6.796]	156.21 [6.150]
KBM(S)-260X02	947988/02X	947989/02	237.39 [9.346]	220.98 [8.700]
KBM(S)-260X03	947988/03X	947989/03	302.16 [11.896]	285.75 [11.250]

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Pro/E Instance Name: KBMS260.OUTLINE.947987
 Pro/E Drawing Name: 947987
 Pro/E Model Type: ASSEM
 Pro/Engineer Drawing

3	AR	IM-2709	MARKING PROCEDURE
2	I	SEE TABLE	FIELD ASSEMBLY
1	I	SEE TABLE	ARMATURE HOUSING AND SENSOR ASSEMBLY

ITEM QTY IDENTIFYING NO. DESCRIPTION

LIST OF PARTS

UNLESS OTHERWISE SPECIFIED: REMOVE ALL SHARP BURRS AND BREAK ALL SHARP EDGES X DECIMAL PLACES ±.4 [.015] XX DECIMAL PLACES ±.13 [.005] ANGULAR DIMENSIONS ±1°

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED

DO NOT SCALE DRAWING, USE DIMENSIONS ONLY

PER ANSI Y14.5M-1982

INTERPRET GEOMETRIC SYMBOLS PER ANSI Y14.5M-1982

THIRD ANGLE PROJECTION

METRIC DRAWING

SIGNIFICANT PRODUCT CHARACTERISTIC

CRITICAL PRODUCT CHARACTERISTIC

DATE: 16-Nov-09
 DRAWN BY: LW
 CHECKED BY: LW
 APPROVED BY: AG

DATE: 08-Dec-09

SCALE: 0.250

JOB NO.:

SHEET 1 OF 1

MARKING PROCEDURE

FIELD ASSEMBLY

ARMATURE HOUSING AND SENSOR ASSEMBLY

KOLLMORGEN

Inland Motor

INLAND MOTOR
501 FIRST STREET
RADFORD, VIRGINIA 24141

OUTLINE AND ASSEMBLY
KBMS-260XXX-X00

FSC 11384

SIZE D

DWG. NO. 947987

REV C