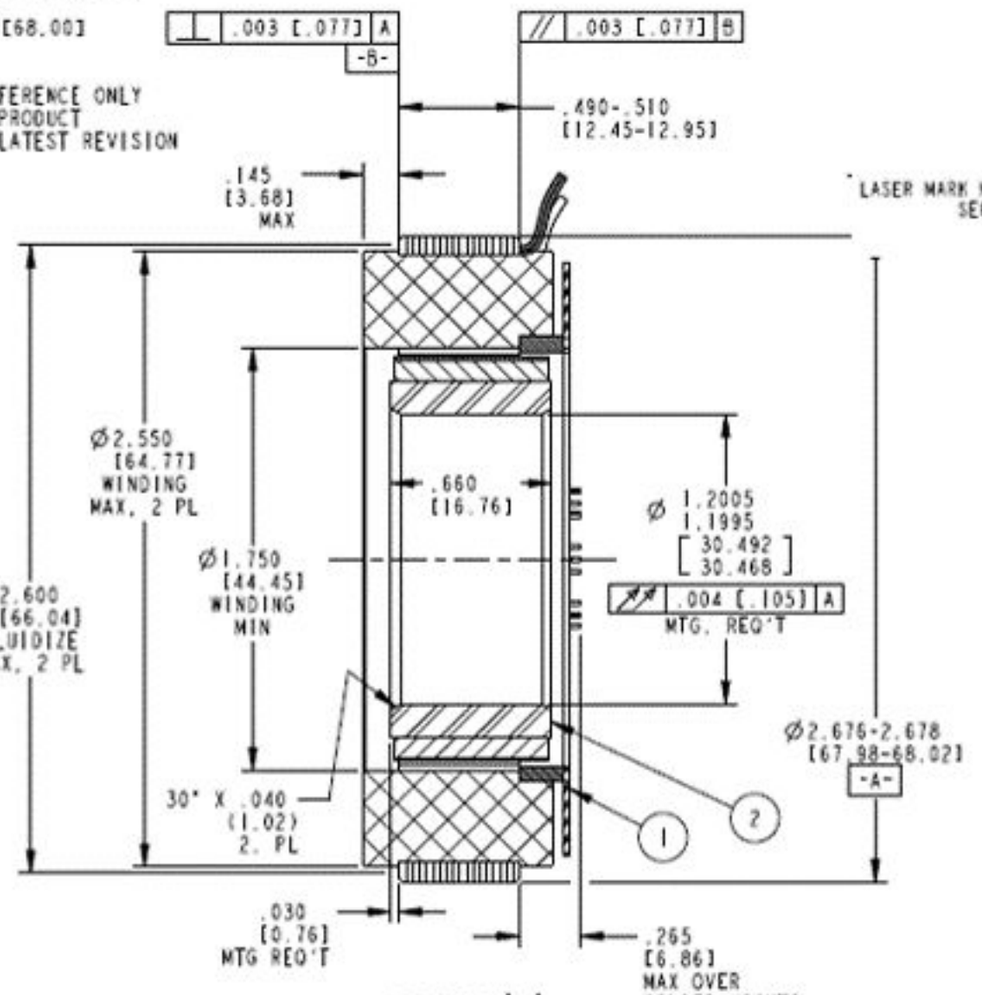
REVISION				
REV	ECN NO.	DESCRIPTION	DATE	APPROVED

NOTES:
1. MOTOR SUPPLIED AS TWO SEPARATE COMPONENTS, ARMATURE & SENSOR ASSEMBLY AND FIELD ASSEMBLY
2. FOR A C.C.W. ROTATION AS VIEWED FROM LEAD END, ENERGIZE PER EXCITATION SEQUENCE TABLE
3. R = 1.5K OHMS APPROX. (CUSTOMER SUPPLIED)
4. EMF-UV, EMF-VW AND EMF-WU IS BACK EMF OF MOTOR PHASES UV, VW AND WU ALIGNED WITH SENSOR OUTPUT SHOWN FOR CCW ROTATION ONLY
5. MOUNTING SURFACE IS BETWEEN Ø2.600 [66.04] AND Ø2.677 [68.00] ON BOTH SIDES
6. SENSORS OPTIMIZED FOR BI-DIRECTIONAL ROTATION
7. DIMENSIONS IN BRACKETS [] ARE IN MILLIMETERS AND ARE REFERENCE ONLY
8. RoHS AND REACH COMPLIANT IN ACCORDANCE WITH KOLLMORGEN PRODUCT ENVIRONMENTAL COMPLIANCE SPECIFICATION, 960303, IN ITS LATEST REVISION

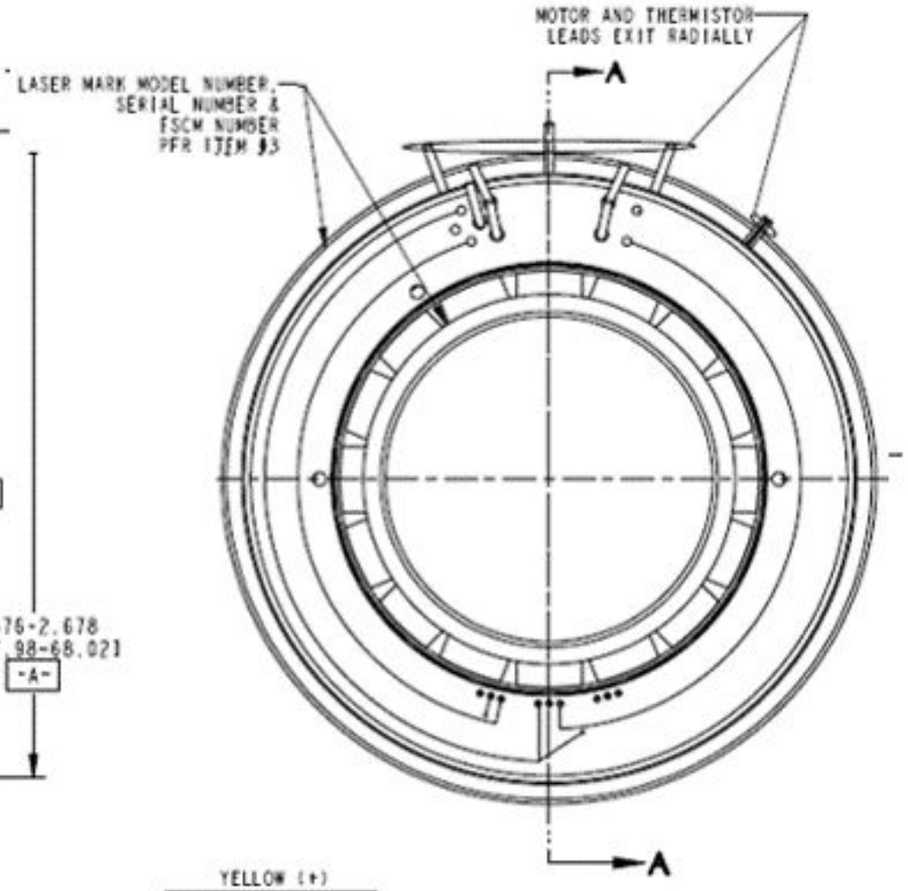
<u>MOTOR LEADS:</u>
#18 AWG, TEFLON COATED PER MIL-W-22759/11
3 LEADS, 15.75 [400 MM] MIN
1-BLUE, 1-BROWN, 1-VIOLET

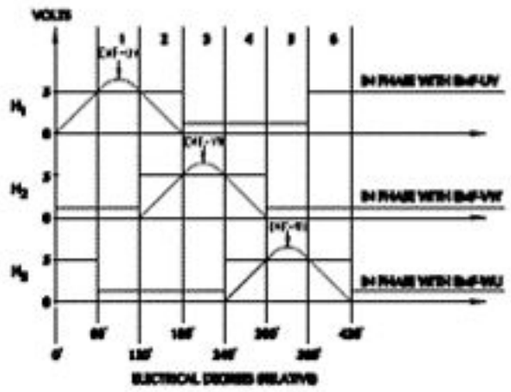
<u>THERMISTOR LEADS:</u>
KTY84/130 THERMISTOR
#26 AWG TEFLON COATED PER MIL-W-22759/11,
2 LEADS, 400 MM [15.75] MIN LG EACH
1-YELLOW, 1-BLACK

<u>SENSOR LEADS:</u>
#28 AWG TEFLON COATED PER MIL-W-22759/11,
5 LEADS, 15.75 [400 MM] MIN LG EACH
1-BLUE, 1-ORANGE, 1-BROWN, 1-GREEN, 1-YELLOW



SECTION A-A

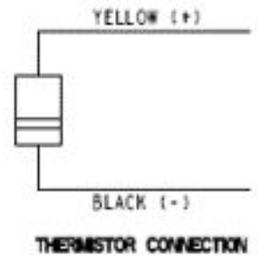




SENSOR OUTPUT
CCW VIEWED LEAD END

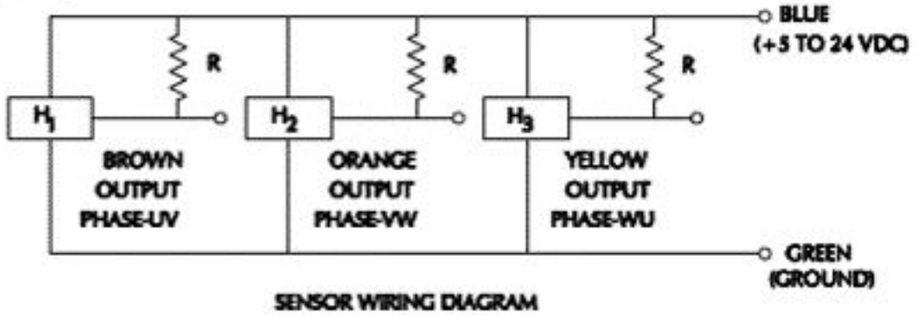
STEP	POWER CONNECTION		
	PHASE "U" BLUE	PHASE "V" BROWN	PHASE "W" VIOLET
1	+	-	
2	+		-
3		+	-
4	-	+	
5	-		+
6		-	+

EXCITATION SEQUENCE TABLE



THERMISTOR CONNECTION

SCALE 1:2



SENSOR WIRING DIAGRAM

THIS DOCUMENT IS ONLY FOR USE BY THE INTENDED RECIPIENT AND CONTAINS KOLLMORGEN CONFIDENTIAL INFORMATION

Pro/E Instance Name	ASSEM_969891_9008
Pro/E Drawing Type	960058
Pro/E Model Type	ASSEM

Pro/Engineer Drawing

ATTENTION
Static-Sensitive Devices
Handle Only at Static-Safe Workstations

THIRD ANGLE PROJECTION

▼ SIGNIFICANT PRODUCT CHARACTERISTIC

◆ CRITICAL PRODUCT CHARACTERISTIC

ITEM	QTY	IDENTIFYING NO.	DESCRIPTION
3	AR	IM-2709	MARKING PROCEDURE
2	1	969893	FIELD ASSEMBLY
1	1	969892	ARMATURE & SENSOR ASSEMBLY

LIST OF PARTS

UNLESS OTHERWISE SPECIFIED:
REMOVE ALL SHARP BURRS AND BREAK ALL SHARP EDGES
XX DECIMAL PLACES ±.015
XXX DECIMAL PLACES ±.005
ANGULAR DIMENSIONS ±1°

DO NOT SCALE DRAWING
USE DIMENSIONS ONLY
ALL DIMENSIONS ARE IN INCHES

INTERPRET GEOMETRIC SYMBOLS PER ANSI Y14.5M-1982

DRAWN: ALM 1/5/17
CHECKED: LW 1/18/17
APPROVED: A. Gallrein 3/16/17

KOLLMORGEN
381 MAIN STREET
RADFORD, VIRGINIA 24141

OUTLINE & ASSEMBLY
BMS-1712

FSCM	SIZE	DWG. NO.	REV
11384	C	969891	-

SCALE: 2:1 | JOB NO.: | SHEET 1 OF 1