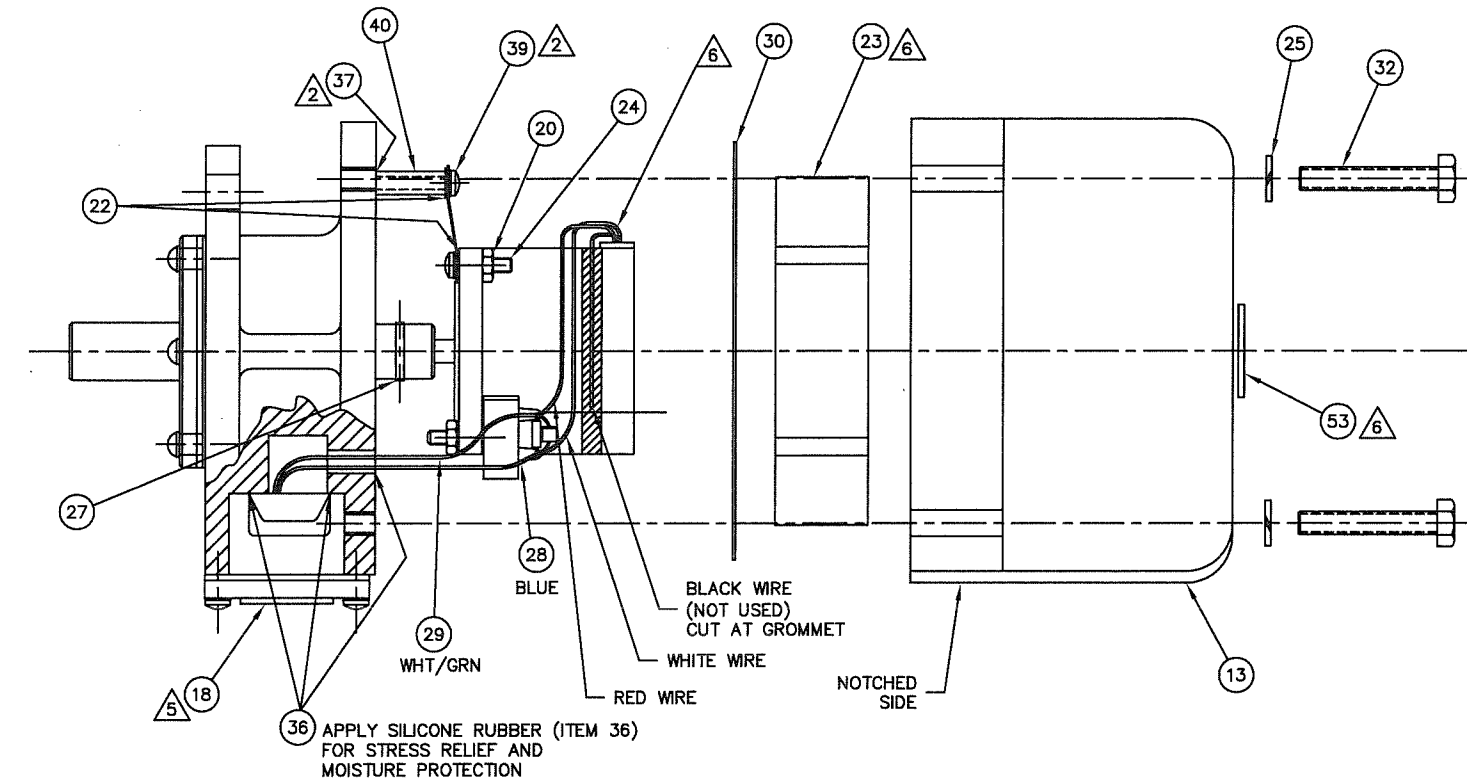
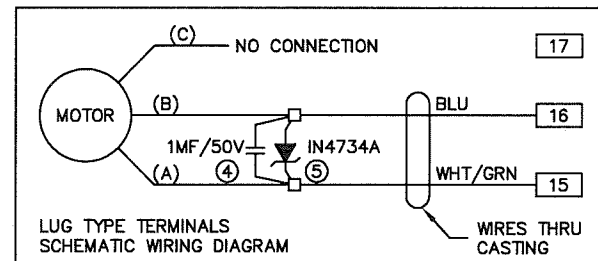


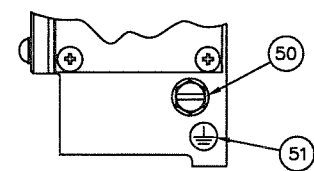
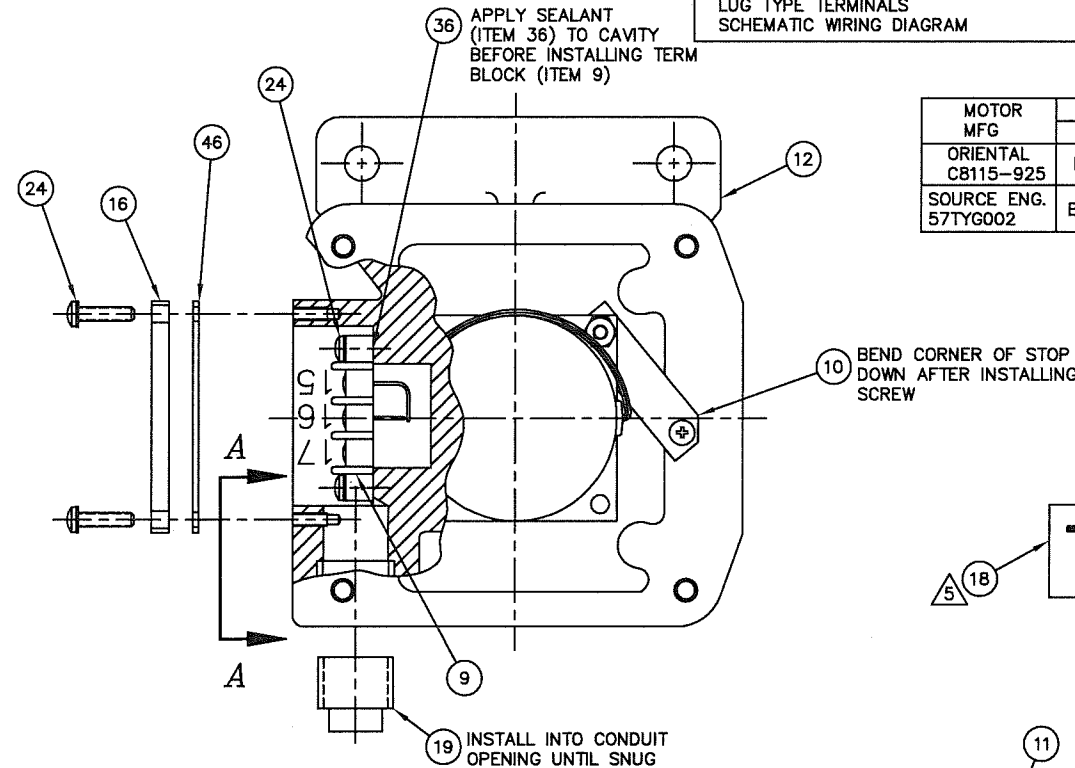
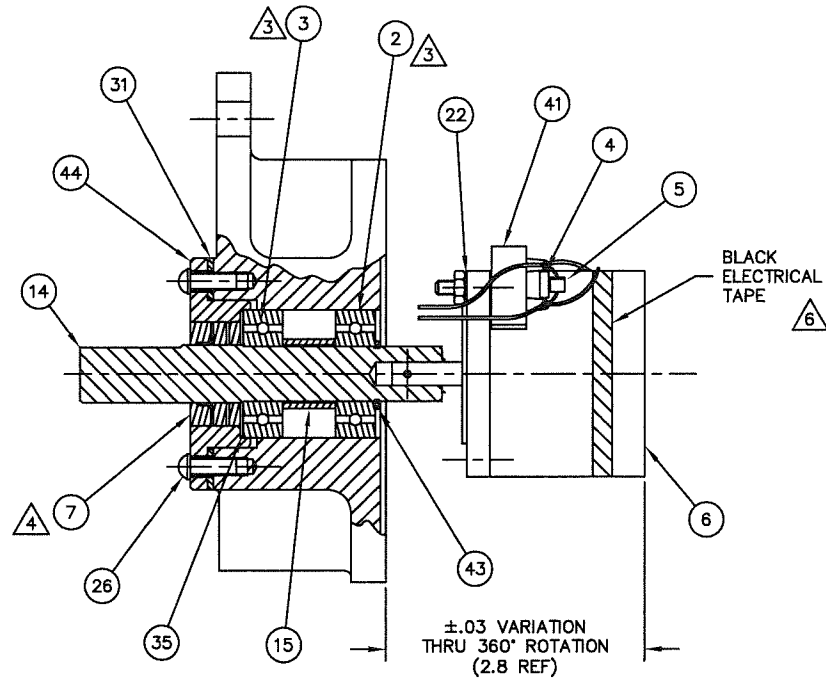


NOTES:

1. PLACE COMPLETED ASSEMBLY (D04780D-0001-01), SPRING EXTENSION (ITEM 8), CLAMP BAR (ITEM 11) WITH SCREWS (ITEM 49) AND LOCK NUTS (ITEM 48) ATTACHED, STUB SHAFT (ITEM 21), LOCTITE (ITEM 52), AND A MANUAL (ITEM 38) INTO PRO-LINE CARTON (ITEM 33), BEING SURE TO USE INSERT (ITEM 34) FOR SECURE PACKAGING.
2. APPLY SEALANT (ITEM 37) TO SCREW (ITEM 39) BEFORE ASSEMBLY.
3. SPRAY INSIDE SURFACE OF CASTING (2 PLACES) WITH PRIMER (ITEM 45) THEN APPLY BEARING MOUNT (ITEM 42) TO ALL BEARINGS AND INSERT INTO CASTING.
4. APPLY GREASE SILICONE (ITEM 47) TO LIP OF OIL SEAL (ITEM 7).
5. PRINT MODEL NUMBER ON LABEL BEFORE INSTALLING. SERIAL NUMBER IS LEFT BLANK.
6. TAPE WIRES DOWN TO MOTOR (ITEM 6) BELOW THEIR EXIT PORT TO ALLOW MOTOR TO FIT INTO MOTOR SUPPORT (ITEM 23). AT ASSEMBLY, PLACE MOTOR SUPPORT INTO COVER (ITEM 13) AND MAKE SURE MOTOR (ITEM 6) "SEATS" INTO MOTOR SUPPORT.



MOTOR MFG	COLOR		
	A	B	C
ORIENTAL CB115-925	RED	WHITE	BLACK
SOURCE ENG. 57TYG002	BLUE	WHITE (2)	RED

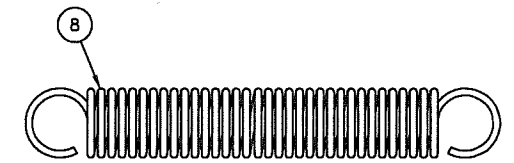


VIEW A - A

NO CHANGES WITHOUT REGULATORY APPROVAL

FQ 3855	CHANGE SEALANT FROM 017015 TO 147217	5/2/15	RAE	RAE
FP 3808	CHANGE ITEM 36 TO PREVENT CORROSION	2/18/15	EBP	RAE
FN 3029	ADD REG STAMP, CHG 3.14 TO 2.8	1/7/13	KIM	RAE
REV	ECO NO	DESCRIPTION	DATE	BY

ITEM	PART NO	QTY	DESCRIPTION	DWG NO/SPEC
1	REF	.	OUTLINE & MOUNTING, SPEED SENSOR 60-12C	B04780F-0003
2	001046	1 EA	BRG,RDL BALL, .590X1.378X .433	.
3	001047	1 EA	BRG,RDL BALL, .590X1.378X .433	.
4	001173	1 EA	CAP,TANT, 1.0 MF/ 50V	.
5	001303	1 EA	DIODE,ZNR, 1.0W 5.6V IN4734A	.
6	001522	1 EA	MTR,STEP,AC, 120V, .10AMP	.
7	001945	1 EA	SEAL,OIL, .625X1.128X .484	.
8	001988	1 EA	SPRING,EXTENSION, .750 X 5.000	.
9	002091	1 EA	TERM BLK,FD THRU,15AMP 3TERM	.
10	002919	1 EA	STOP MOTOR,SPEED SENSOR,60-12	B04780D-0013
11	002920	1 EA	CLAMP BAR,SPEED SENSOR,60-12	B04780F-0002
12	002921	1 EA	HOUSING,SPEED SNSR-MACH,60-12	D04780D-0002
13	002923	1 EA	END CAP,SPEED SNSR-MACH,60-12	C04780D-0003-01
14	002928	1 EA	SHAFT,SPEED SENSOR,60-12	B04780D-0007
15	002929	1 EA	SPACER,BEARING,SP SENSOR 60-12	B04780D-0008
16	004156	1 EA	COVER,JCT BOX,SPEED SNSR,61-12	B06196A-0003
17	.	.	.	.
18	045366	1 EA	LABEL,SERIAL/MODEL/RAMSEY STDS	C07103C-H001
19	002933	1 EA	FTG,PIPE,PLSTC,PLUG,SQ,1/2NPT	.
20	037021	4 EA	NUT,KEPS,HEX, 6-32 ZN	.
21	037711	1 EA	COUPLING,STUB SHAFT,SPEED SNSR	B04780D-0011
22	003001	3 EA	WASHER,LOCK,EXT TOOTH, #6 ZN	.
23	040736	1 EA	SUPPORT,MOTOR,SPEED SENSOR,60-12	C04780D-A015
24	037024	8 EA	SCR,SEMS,PNH, 6-32X .625 ZN	.
25	002998	4 EA	WASHER,LOCK,SPRING, 1/4 ZN	.
26	037026	4 EA	SCR,SEMS,PNH, 10-32X .500 ZN	.
27	123291	1 EA	PIN,SPRING, 2.5MM X 16MM	.
28	014799	1 EA	WIRE,#22(7X30) 8.00,BLU	.
29	014800	1 EA	WIRE,#22(7X30) 8.00,WHT/GRN	.
30	003970	1 EA	GASKET,END CAP,60-12	B04780D-0004
31	003971	1 EA	GASKET,FACEPLATE,60-12	B04780D-0006
32	005307	4 EA	SCR,CAP,HEX,5/16-20X1.500 ZN	.
33	005701	1 EA	CARTON,SHIPPING,PRO-LINE,LONG	D06800A-0085
34	005704	1 EA	CARTON INSERT,SP SENSOR, 60-12	D06800A-0088
35	005745	1 EA	WASHER,SPRING,FINGER,.814X1.36	.
36	147217	.10 OZ	SEALANT,SILICONE,WHT (744)	.
37	005765	2.0 DP	ADHESIVE,RTNG CMPD,GENERAL PRP	.
38	005876	1 EA	MANUAL,INST,SP SNSR,60-12C	REC 3016
39	037025	1 EA	SCR,SEMS,PNH, 6-32X1.000 ZN	.
40	005899	1 EA	SPACER,BRS,RND, .250 #6 X .75	.
41	005900	1 EA	TERMINAL STRIP,TIE DOWN, 2 LUG	.
42	013198	10.0 DP	ADHESIVE,RTNG CMPD,BRG MOUNT	.
43	005740	1 EA	RING,RETAINING,EXT,BOW .59 ST	.
44	002927	1 EA	FACEPLATE,SPEED SENSOR,60-12	B04780D-0005
45	013199	.250 OZ	ADHESIVE,RTNG CMPD,PRIMER	.
46	003972	1 EA	GASKET,JUNCTION BOX,60-12	B04780D-0010
47	006536	.003 OZ	GREASE,SILICONE	.
48	010232	2 EA	NUT,LOCK,N, 3/8-16 THIN ZN	.
49	003115	2 EA	SCR,CAP,HEX,5/8-16X1.000 ZN	.
50	014302	1 EA	SCR,GND,HEXWSHR, 10-32X .375	.
51	014499	1 EA	LABEL,GROUNDING SYMBOL, 61-12C	B06196A-0007
52	044740	1 EA	ADHESIVE,THD,LKR,PERM (CAPSULE)	.
53	083806	1 EA	LABEL,RAMSEY PRO-LINE,BLACK	.



CADD DATABASE: AUTOCAD

DO NOT SCALE DWG		SCALE 1/1		REMOVE ALL BURRS AND UNNECESSARY SHARP EDGES		JOB NO		DATE 04/19/71	
UNLESS SPECIFIED OTHERWISE DIMENSIONS ARE IN INCHES AND (MM)		TOLERANCE		DIM		GRK		DATE 04/19/71	
XX [X]		±.06 ±.15 mm		DIM		JAK		DATE 04/19/71	
XX [X]		±.05 ±.15 mm		DIM		PK		DATE 5-17-71	
XX [X]		±.05 ±.15 mm		DIM		PK		DATE 5-17-71	
FRACT.		±.1/16 ±.1/8		DIM		PK		DATE 5-17-71	
ANGLES		±.1/2° ±.1/2°		DIM		PK		DATE 5-17-71	
NEXT ASS'Y									
CUST ORDER NO									
CUSTOMER LOCATION									
USER LOCATION									
FINAL ASSEMBLY SPEED SENSOR MODEL 60-12C									
PART NO		DRAWING NUMBER		REV		PART NO		DRAWING NUMBER	
003968		D04780D0001		FQ		003968		D04780D0001	

ThermoFisher
SCIENTIFIC

FINAL ASSEMBLY
SPEED SENSOR
MODEL 60-12C

003968 D04780D0001 FQ

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