

MICRO SWITCH

FREEPORT ILLINOIS U.S.A.
A DIVISION OF HONEYWELL

FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
424EN15-5

424EN15-5

M

DRAWING
NUMBER

13

ISSUE

10

10

CHECK

REVISIONS

A 0044351

KAK 19 FEB 80

B 0047873

RJH 14 AUG 80

C 0057370

JAP 13 MAY 85

D 0088454

YSR 14 NOV 85

E 0074101

GJW 30 JAN 95

F 7750448

SAD 16 MAY 94

FO-2281-A

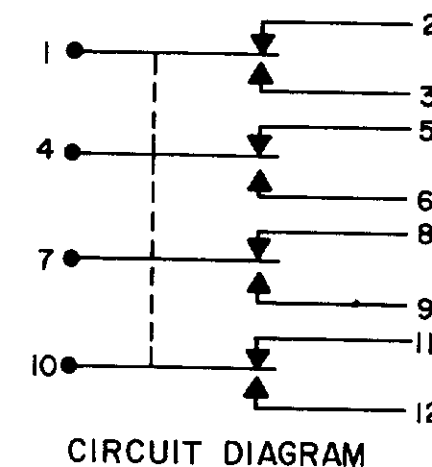
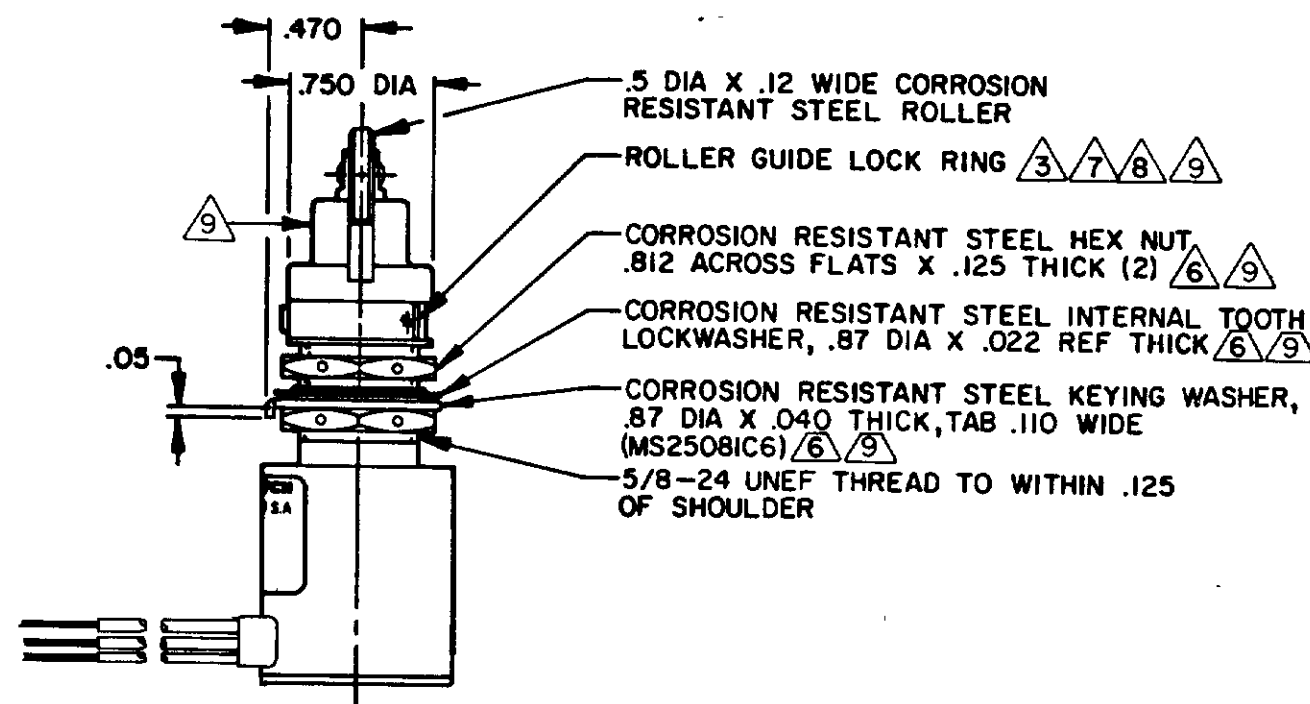
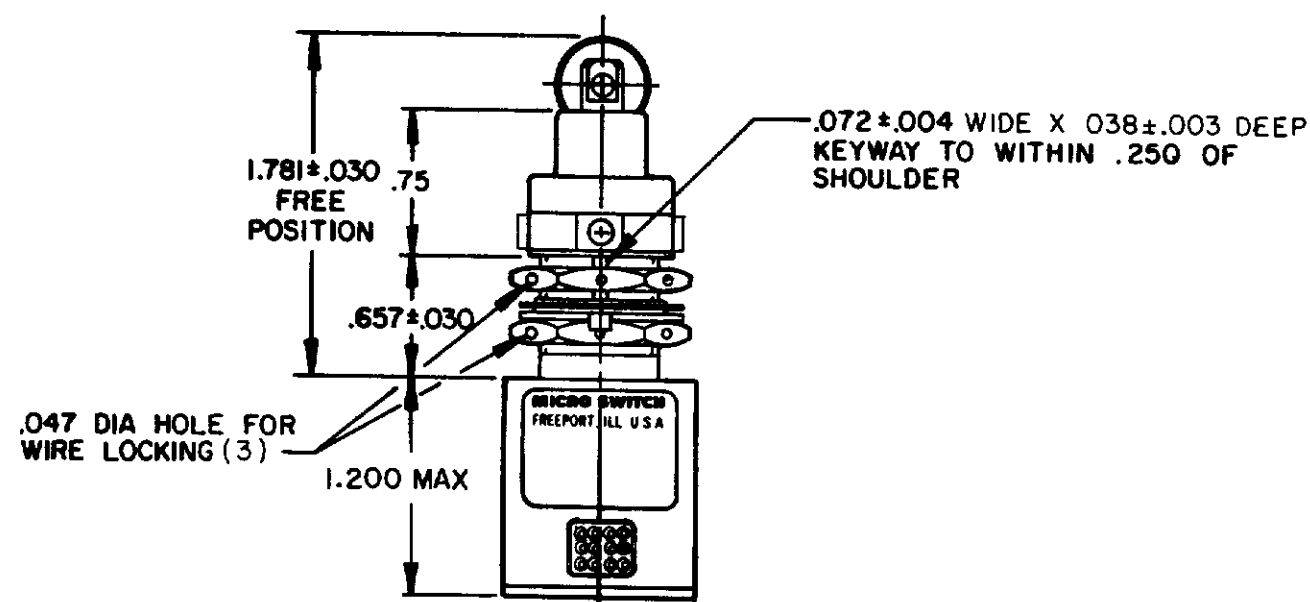
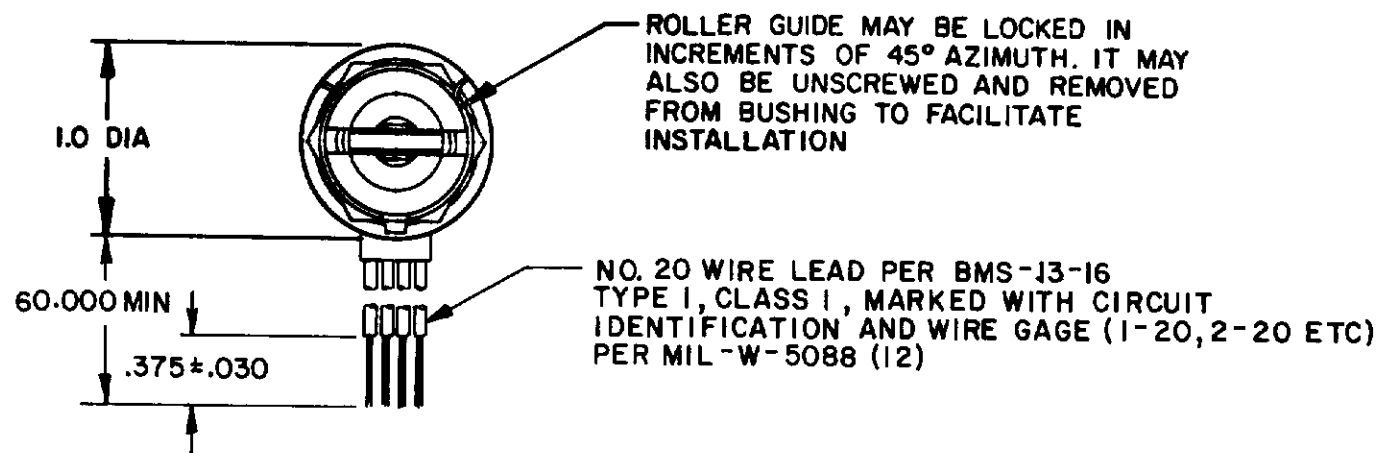
DRAWN

KAK 19 FEB 80

CHECK

CEB 21 FEB 80

REPLACES



NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- (3) TO ADJUST ROLLER DIRECTION, REMOVE ROLLER GUIDE LOCK RING, SCREW ROLLER GUIDE DOWN AS FAR AS POSSIBLE, THEN UNSCREW TO DESIRED DIRECTION. SECURE BY REPLACING ROLLER GUIDE LOCK RING
- 4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
- 5 - CIRCUIT DIAGRAM AND CAT. LIST. ARE SHOWN ON NAMEPLATE
- (6) REPLACEMENT MOUNTING HARDWARE PACKET 19PA8
- (7) REPLACEMENT ROLLER GUIDE AND LOCK RING PACKET 15PA104
- (8) REPLACEMENT LOCK RING PACKET 15PA137
- (9) HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

CHARACTERISTICS

OPERATING FORCE ----- 6-12 LB
FULL OVERTRAVEL FORCE ----- 30 LB MAX
RELEASE FORCE ----- 4 LB MIN
PRETRAVEL ----- .040 MAX
DIFFERENTIAL TRAVEL ----- .020 MAX
OVERTRAVEL ----- .250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
SPDT (4)

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	7	7
IND	4	2.5
MOTOR	4	

TOLERANCES			
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE 2			
NO PLACES	2	1/64	
ONE PLACE	2.5	0.0005	0.0005
TWO PLACES	2.5	0.0005	0.0005
THREE PLACES	2.5	0.0005	0.0005
ANGLES	2.5	0.0005	0.0005
DESIGN UNITS: ☐ SI METRIC ☒ US CUSTOMARY			
RAW MATERIAL-COMMERCIAL STANDARD			
MICRO SWITCH STANDARDS APPLY			
DIMENSIONS ARE TO BE MET BEFORE PROTECTIVE COATINGS ARE APPLIED			
WEIGHT 10.2 OZ MAX			