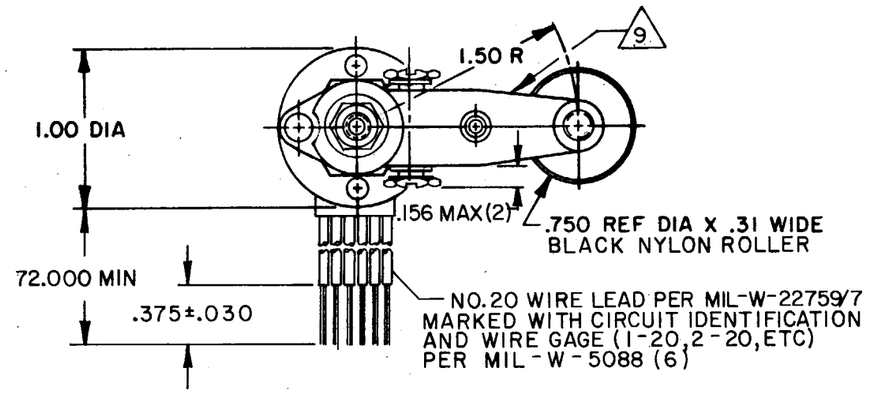
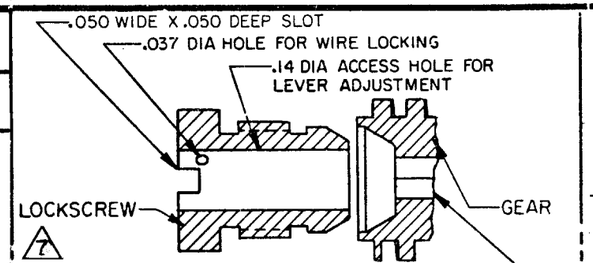
MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 81929

SWITCH-ENCLOSED

CATALOG LISTING
31EN20-6

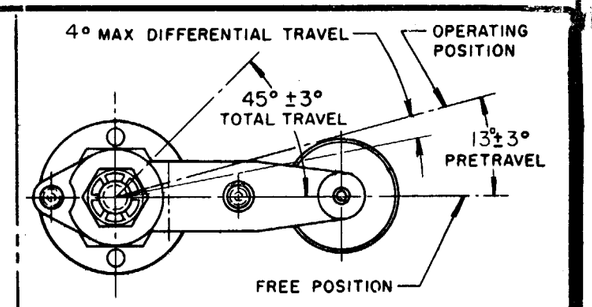




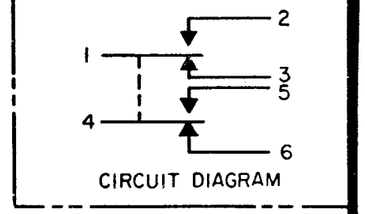
THROUGH HEX HOLE TO ACCEPT 3/32 ALLEN WRENCH FOR LEVER ADJUSTMENT

LEVER MAY BE ADJUSTED FOR AN INFINITE NUMBER OF POSITIONS THRU 360°. ADJUSTMENT IS MADE BY LOOSENING THE LOCKING NUT AND THEN THE LOCK-SCREW AND TURNING GEAR UNTIL LEVER IS IN DESIRED POSITION. LOCKSCREW AND LOCKNUT ON SHAFT IS THEN TIGHTENED TO POSITIVELY LOCK LEVER IN POSITION.

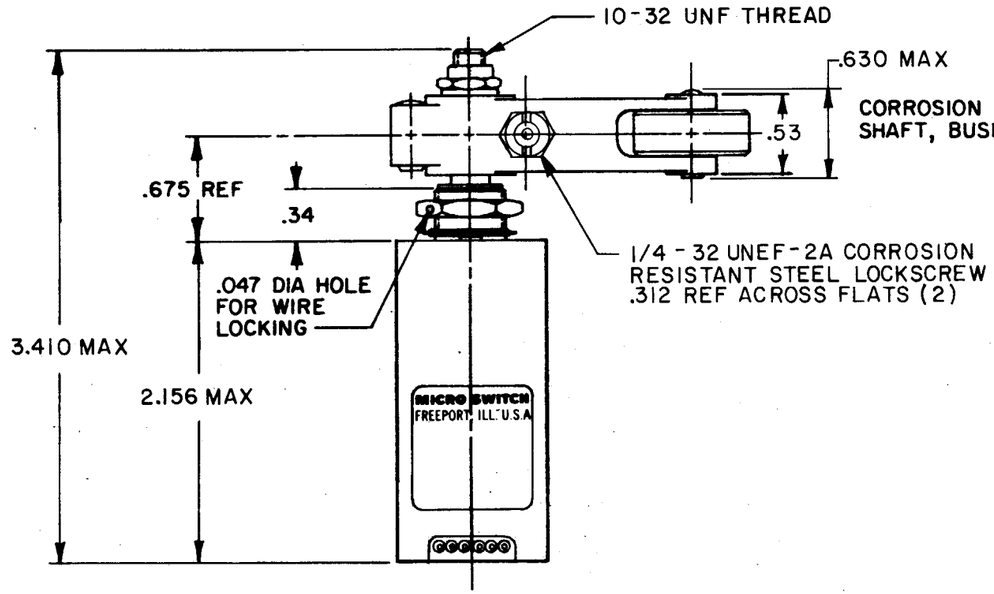
LEVER ADJUSTMENT DETAIL - SCALE 2 TO 1

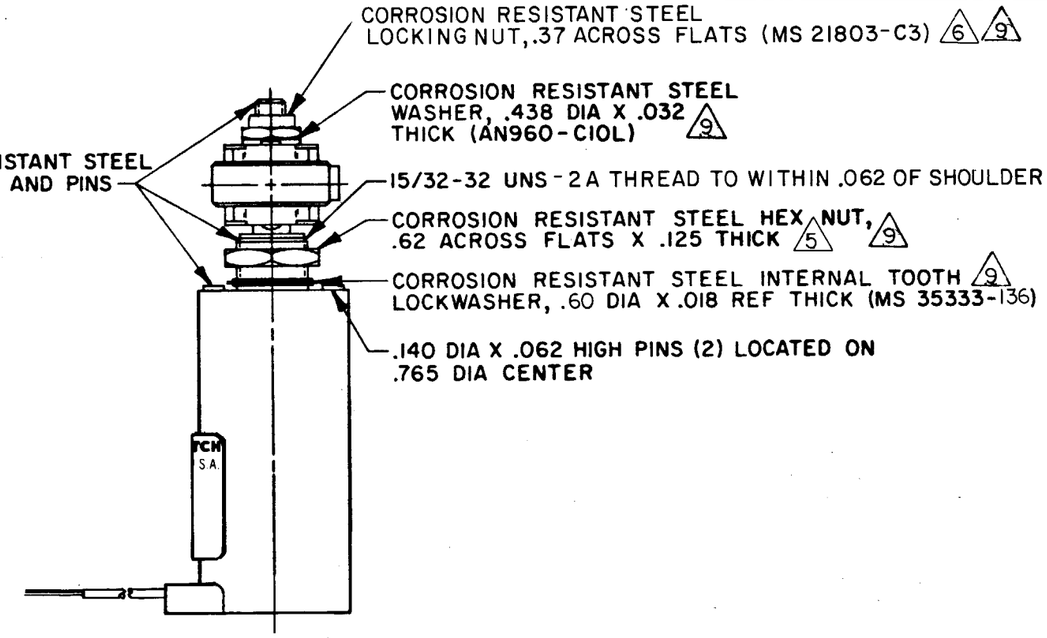


CHARACTERISTICS



CIRCUIT DIAGRAM





NOTES
1 - CORROSION RESISTANT STEEL ENCLOSURE
2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
3 - CIRCUIT DIAGRAM AND CAT. LISTING ARE SHOWN ON NAMEPLATE
4 - TOTAL TRAVEL OF ROLLER LEVER IS 45°±3° IN COUNTER CLOCK-WISE DIRECTION ONLY WITH SPRING RETURN TO NEUTRAL
5 REPLACEMENT MOUNTING HARDWARE PACKET 19PA10
6 DO NOT APPLY MORE THAN 20-25 INCH-POUNDS OF TORQUE WHEN TIGHTENING LOCKING NUT
7 WORM GEAR TO TURN WITH 6 IN-LB MAX TORQUE WITH SCREWS LOCKED OUT TIGHT
8 - REPLACEMENT LEVER 6PA351
9 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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CHARACTERISTICS	
OPERATING TORQUE	12-25 IN LB
RELEASE TORQUE	9 IN LB MIN
PRETRAVEL, DIFFERENTIAL TRAVEL, OVERTRAVEL, FREE POSITION	SEE DETAIL

ELECTRICAL DATA

CONTACT ARRANGEMENT
S P D T (2)

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	5	5
IND	3	2
MOTOR	4	
LAMP		

SCALE FULL
DO NOT SCALE PRINT
TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

	DIM. mm	TOL. mm/in	DIM. in	TOL. mm/in
NO PLACES	X	1/64		
ONE PLACE	X.X	0.4/.016	X.X	0.5/.02
TWO PLACES	X.XX	0.13/.005	X.XX	0.25/.010
THREE PLACES			X.XXX	0.13/.005
ANGLES				

DESIGN UNITS ☐ SI METRIC ☒ US CUSTOMARY

THIRD ANGLE PROJECTION

WEIGHT 9.5 OZ MAX

REVISIONS			
A	CO-44351	KAK 9 JAN 79	CHECK
B	CO 47577	TSM 11 AUG 80	
C	CO 49806C	KAG 28 SEP 81	
D	CO 57370	WJM 14 MAY 85	CHECK
E	CO 75787-C	DAW 10 MAY 94	

DRAWN	KAK	9 JAN 79
	CEB	9 JAN 80
CHECK		

FO-6285-1-B

DRAWING NUMBER M 31EN20-6
ISSUE X 6 X 5
RELEASE NO. PR-5293
REPLACES