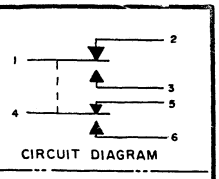
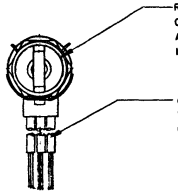
MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 81929

SWITCH-ENCLOSED

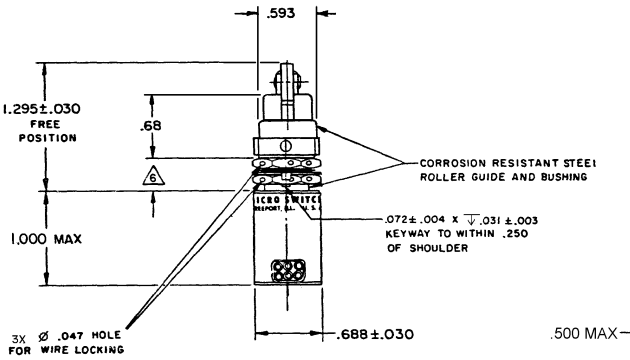
CATALOG LISTING
622EN1-6
MILITARY STDS PART NO.
MS 27240-3

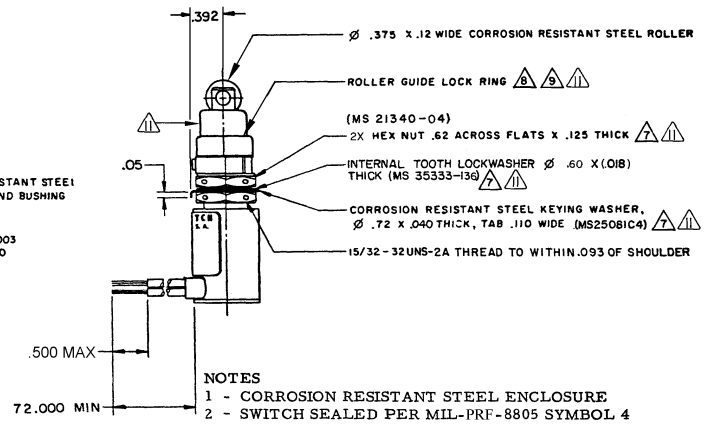


CIRCUIT DIAGRAM


ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION △5

6X NO. 20 WIRE LEAD PER MIL-W-22759/7 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20, 2-20, ETC) PER MIL-W-5088





NOTES
1 - CORROSION RESISTANT STEEL ENCLOSURE
2 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
3 - CIRCUIT DIAGRAM, CATALOG LISTING, AND MILITARY STANDARDS PART NO. MS27240-3 ARE SHOWN ON NAMEPLATE
4 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 INCH OF PLUNGER TRAVEL
△5 TO ADJUST ROLLER DIRECTION REMOVE ROLLER GUIDE LOCK RING SCREW ROLLER GUIDE TO DESIRED DIRECTION, SECURE BY REPLACING ROLLER GUIDE LOCK RING
△6 ROLLER GUIDE LOCATION CAN VARY BETWEEN .292 AND .450 WHILE MAINTAINING .125 MIN OVERTRAVEL
△7 REPLACEMENT MOUNTING HARDWARE - PACKET 19PA9
△8 REPLACEMENT ROLLER GUIDE AND LOCKRING - PACKET 15PA105
△9 REPLACEMENT LOCKRING - PACKET 15PA107
△10 APPLICATION INFORMATION ONLY
△11 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805

ANSI Y14.5M-1982 APPLIES

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THIRD ANGLE PROJECTION

SCALE FULL
DO NOT SCALE PRINT

TOLERANCES
APPLY TO DESIGN UNITS. CONVERSIONS ARE ONLY FOR REFERENCE. UNLESS NOTED, TOLERANCES ARE ±

	DIM. mm	TOL. mm/m	DIM. in	TOL. in/m
NO PLACES	X	1/2		
TWO PLACES	X.X	0.42/016	X.X	0.40/.015
THREE PLACES	X.XX	0.18/.008	X.XX	0.13/.003
ANGLES				

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 .50 LB

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	.125 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
2X SP D T

LOAD	28 VDC	
	SEA LEVEL	50,000 FT.
RES	7	7
IND	4	2.5
MOTOR	4	4 △10

REVISIONS

A	NEW DWG 6644035 T A F	10 NOV 78	
B	CO 47873 PART 4 R J W	15 AUG 80	08MAR07
C	CO 49806 D J W	25 SEPT 84	PSR
D	0057370 TSK	14 MAY 85	
E	CO 79121 SAD	28 NOV 94	
F	CO 84521-A D.F.T	18 APR 97	27 NOV 78
G	C093235 D J W	16 SEP 98	
H	0028682 BS	08MAR07	

M 622EN1-6
DRAWING NUMBER
ISSUE 22
REPLACES
RELEASE NO. SR-11241
CHECK
PSR
CHECK
CHECK

DRAWN T R F 10 NOV 78
RASTER FCI-5285 1-A

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