

MICRO SWITCH

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

FED. MFG. CODE 91928

SWITCH-ENCLOSED

CATALOG LISTING
622EN222-6

MILITARY STDS PART NO.
MS 27240-7

622EN222-6

M

DRAWING
NUMBER

2

X

4

ISSUE

REPLACES

PR-17591

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FORMTEK

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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	
S	P D T (2)

SCALE FULL

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

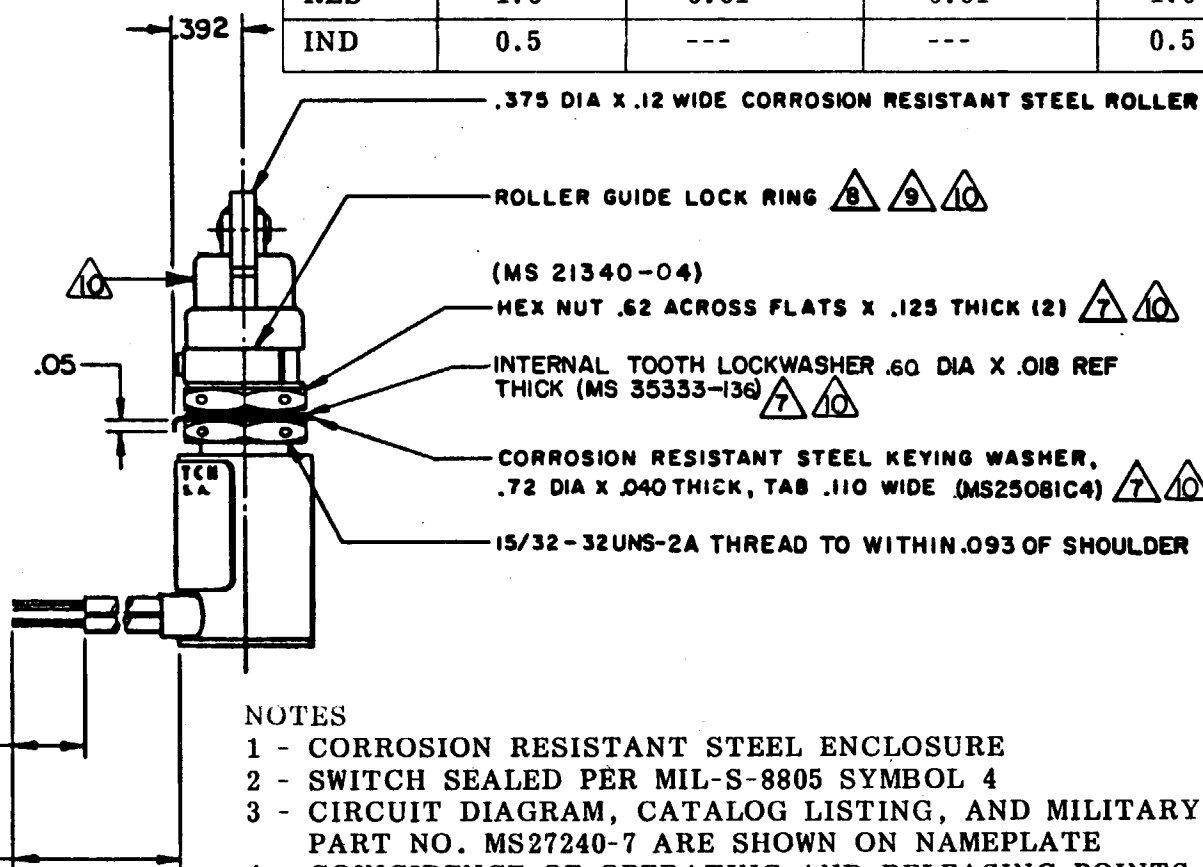
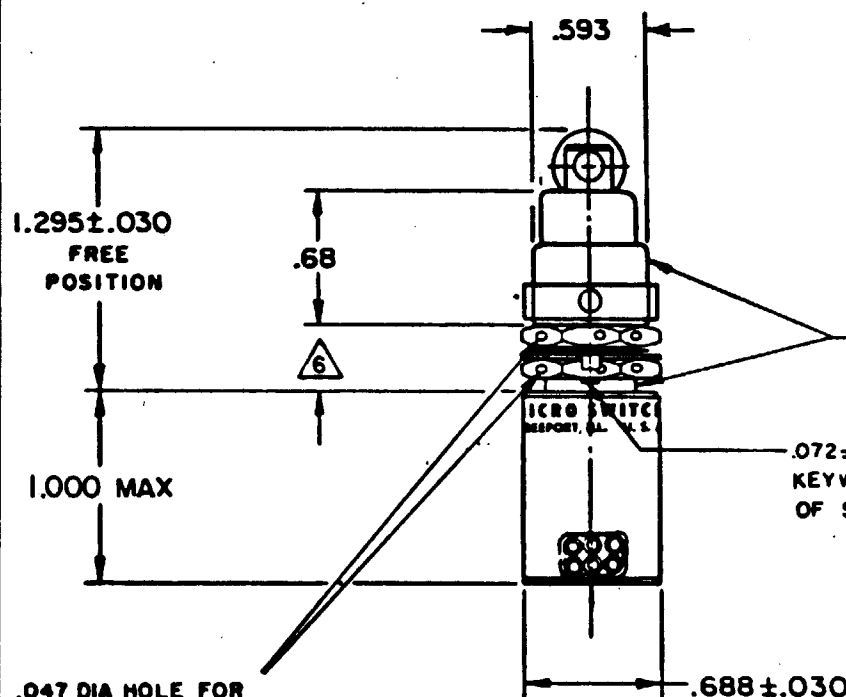
ONE PLACE	(.0)	± .030
TWO PLACE	(.00)	± .015
THREE PLACE	(.000)	± .005
ANGLES		±

THIRD ANGLE PROJECTION

WEIGHT .50 LB

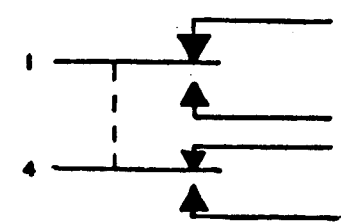
ROLLER GUIDE MAY BE LOCKED IN INCREMENTS OF 45° AZIMUTH. IT MAY ALSO BE UNSCREWED AND REMOVED FROM BUSHING TO FACILITATE INSTALLATION

(6) NO. 20 WIRE LEAD PER MIL-W-22759/7 MARKED WITH CIRCUIT IDENTIFICATION AND WIRE GAGE (1-20, 2-20, ETC) PER MIL-W-5000



NOTES

- 1 - CORROSION RESISTANT STEEL ENCLOSURE
- 2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 4
- 3 - CIRCUIT DIAGRAM, CATALOG LISTING, AND MILITARY STANDARDS PART NO. MS27240-7 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 LOCK RING - PACKET 15PA105
- 9 - REPLACEMENT LOCK RING - PACKET 15PA107
- 10 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805



CIRCUIT DIAGRAM

ELECTRICAL RATINGS, GOLD CONTACTS

LOAD	SEA LEVEL			50,000 FEET	
	POWER CIRCUIT 28 V DC	ELECTRONIC LOGIC 5 V DC	LOW LEVEL 30mV DC OR PEAK AC	POWER CIRCUIT 28 V DC	ELECTRONIC LOGIC 5 V DC
RES	(A)	(A)		(A)	(A)
IND	1.0	0.01	0.01	1.0	0.01
	0.5	---	---	0.5	---