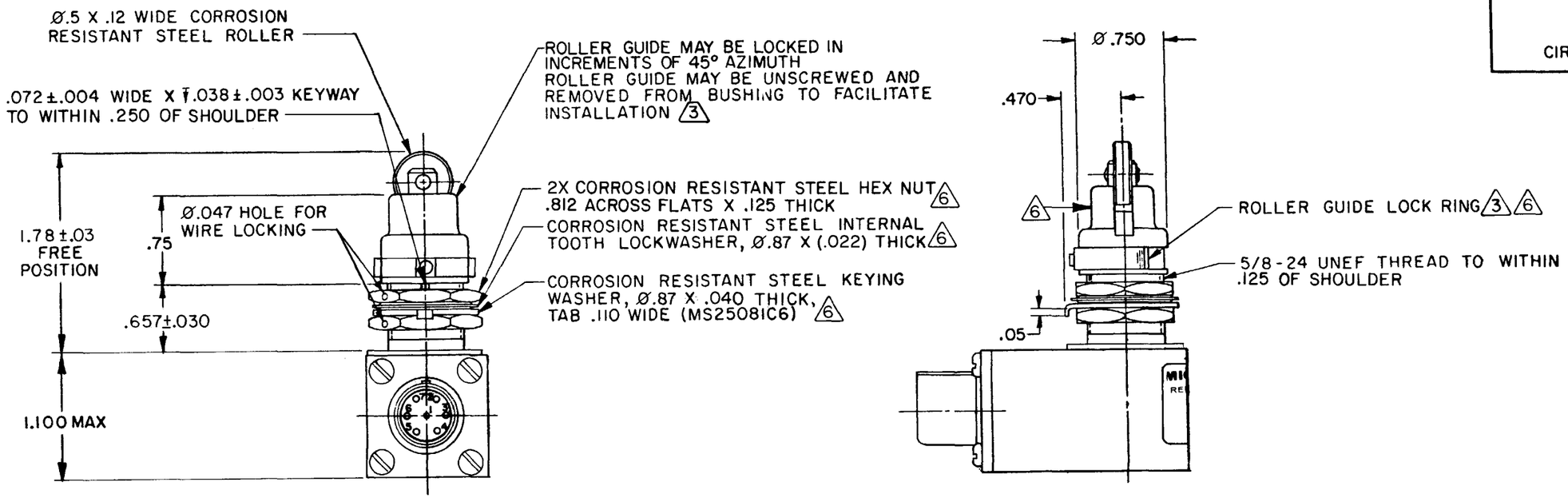
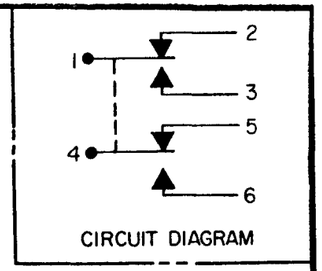
MICRO SWITCH
FREEPORT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
21EN31-R





CIRCUIT DIAGRAM

NOTES
1 - ENCLOSURE FINISHED WITH GREEN EPOXY BASED ENAMEL COLOR NO. 34151 PER FEDERAL STD 595
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 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON NAME-PLATE
5 - COINCIDENCE OF OPERATING AND RELEASING POINTS: .010 OF PLUNGER TRAVEL
6 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

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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	.250 MIN

ELECTRICAL DATA

CONTACT ARRANGEMENT
2X S P D T

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

SCALE FULL
DO NOT SCALE PRINT
UNLESS OTHERWISE NOTED
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:

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

WEIGHT 6 OZ MAX

ANSI Y14.5M-1982 APPLIES

CATALOG LISTING 21EN31-R
PAGE 1 OF 1
M
ISSUE 17
REPLACES
RELEASE NO.
CHECK
REVISIONS
A CO 44351 WJM 18 SEP 79
B CO47573 PART 4 RJH 8 AUG 80
C CO47968 JAP 29 OCT 80
D CO59459 WJK 27 AUG 86
E CO-82809A JAK 31 JUL 96
F CO84717 JAK 25 JUN 97
G CO80689 JAS 24 JUN 98
CHECK
CHECK
DRAWN WJM 18 SEP 79
FORMTEK