

PTC/CAD 2D

DRAWN

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9 AUG 02

CHECK

SAV

9 AUG 02

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REVISIONS

A	206228
D L T	
9 AUG 02	

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REPLACES

RELEASE NO. PR-22052

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CATALOG LISTING

622HE10

ISSUE 4

M

MICRO SWITCH
a Honeywell Division
FED. MFG. CODE 91929

SWITCH-ENCLOSED

CATALOG LISTING
622HE10

WHITE

YELLOW

CIRCUIT DIAGRAM

2X NO. 22 WIRE LEADS PER MIL-W-22759/11 (YELLOW, WHITE)

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

3X Ø.047 HOLE FOR WIRE LOCKING

1.295±.030 FREE POSITION

.68

1.100 MAX

Ø.593

.392

.05

MICR FREEP

Ø.688±.030

9.0±1.0

.250±.030

Ø.375 X .12 WIDE CORROSION RESISTANT ROLLER

ROLLER GUIDE LOCK RING 8 9 11

2X HEX NUT .62 ACROSS FLATS X .125 THICK (MS 21340-04) 7 11

INTERNAL TOOTH LOCKWASHER Ø.60 X (.018) THICK (MS35333-136) 7 11

CORROSION RESISTANT STEEL KEYING WASHER Ø.70 X .040 THICK, TAB .110 WIDE (MS25081C4) 7 11

15/32 UNS-2A THREAD TO WITHIN .093 OF SHOULDER

.072±.004 X ▽.031±.003 KEYWAY TO WITHIN .250 OF SHOULDER

CORROSION RESISTANT STEEL ROLLER GUIDE AND BUSHING

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CHARACTERISTICS		ELECTRICAL DATA	
OPERATING FORCE ----- 5 -12 LB		CONTACT ARRANGEMENT S P N O	
FULL OVERTRAVEL FORCE ----- 30 LB MAX			
RELEASE FORCE ----- 3 LB MIN		LOAD	28 VDC
PRETRAVEL ----- .040 MAX		SEA LEVEL & 50,000 FT.	
OVERTRAVEL ----- .125 MIN		RES	7
		IND	4
		MOTOR	4

THIRD ANGLE PROJECTION

SCALE FULL

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE (.0) ±.030

TWO PLACE (.00) ±.015

THREE PLACE (.000) ±.005

ANGLES ±

WEIGHT TBD

NOTES

1 - CORROSION RESISTANT STAINLESS STEEL ENCLOSURE

2 - SWITCH SEALED PER MIL-S-8805 SYMBOL 5

3 - CIRCUIT DIAGRAM AND CATALOG LISTING ARE SHOWN ON LABEL

4 - COINCIDENCE OF OPERATING AND RELEASE POINTS: .010 INCHES OF PLUNGER TRAVEL

5 - TO ADJUST ROLLER GUIDE 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 .362 AND .520 WHILE MAINTAINING .125 MIN OVERTRAVEL

7 - REPLACEMENT MOUNTING HARDWARE - PACKET 19PA9

8 - REPLACEMENT ROLLER GUIDE AND LOCK RING - PACKET 15PA105

9 - REPLACENT LOCK RING - PACKET 15PA107

10 - FOR OPERATION IN TEMPERATURE RANGE OF MINUS 65°F TO PLUS 257°F

11 - HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-S-8805

ANSI Y14.5M-1982 APPLIES

Mouser Electronics

Authorized Distributor

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