

MICRO SWITCH
FREMONT, ILLINOIS, U.S.A.
A DIVISION OF HONEYWELL
PED MFG CODE 81889

SWITCH - ENCLOSED

CATALOG LISTING
1LS1

OPERATING HEAD MOUNTS IN ANY OF FOUR POSITIONS

CAPTIVE COVER SCREW (3)

8-32 UNC PAN HEAD SCREW AND CLAMPING PRESSURE PLATE (4)

.192 MIN DIA MTG HOLE FOR NO 10 SCREW (4)

1/2-14 NPT THREAD

.850 ± .030

CAPTIVE HEAD SCREW (4)

CIRCUIT DIAGRAM

CAM TRACKING VIEW

NOTES

- 1-SWITCH IS ASSEMBLED FOR ACTUATION IN BOTH DIRECTIONS BUT MAY BE ADJUSTED TO ACTUATE IN THE CLOCKWISE DIRECTION ONLY OR THE COUNTERCLOCKWISE DIRECTION ONLY
- 2- TO CONVERT SWITCH FOR ACTUATION IN EITHER THE CLOCKWISE OR COUNTERCLOCKWISE DIRECTION ONLY, REMOVE ACTUATOR HEAD AND ROTATE THE NOTCHED PLUNGER 90° TO THE RIGHT FOR CLOCKWISE ACTUATION OR 90° TO THE LEFT FOR COUNTERCLOCKWISE ACTUATION

⚠ SEAL TO BE FURNISHED BY USER

⚠ ROLLER LEVER MAY BE LOCKED IN ANY POSITION THRU 360°

5- LEVER FURNISHED UNASSEMBLED IN UNIT PACKING BOX

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CHARACTERISTICS	ELECTRICAL DATA	SCALE 1/2 TO 1
OPERATING TORQUE --- 4.5 IN-LB MAX	CONTACT ARRANGEMENT (SEE CIRCUIT DIAGRAM)	DO NOT SCALE PRINT
FULL OVERTRAVEL TORQUE --- 6 IN-LB MAX		UNLESS OTHERWISE NOTED
RELEASE TORQUE --- .75 IN-LB MIN	10 A-110, 240, OR 480 VAC, 1/3 HP-120 VAC	DIMENSIONS ARE IN INCHES
PRETRAVEL --- 20° MAX	3/4 HP-240 VAC; 0.8 A-115 VDC; 0.4 A-230 VDC	TOLERANCES ARE:
DIFFERENTIAL TRAVEL --- 12° MAX	0.1 A-550 VDC	ONE PLACE (.01) ± .005
OVERTRAVEL --- 30° MIN	PILOT DUTY, 800 VAC MAX	TWO PLACE (.001) ± .002
RELEASE TRAVEL --- 5° MIN		THREE PLACE (.000) ± .001
SWITCH-BASIC REPLACEMENT --- 2MINI		ANGLES ± .1
		WEIGHT 9 OZ

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 REVISIONS:
 A 10/63-B
 3 SEP 99
 B 100078
 C 1
 8 APR 00
 CHECK
 DRAWN
 O M W 19 FEB 64 CHECK
 FORMTEK 40-3378-003