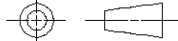


- NOTES
- 1 - THE SWITCH WILL SELF ADJUST TO THE PROPER RELATIONSHIP WITH THE ACTUATOR UPON COMPLETION OF THE FIRST CYCLE. THIS RELATIONSHIP WILL REMAIN CONSTANT UNTIL THE ACTUATOR HAS A GROSS CHANGE IN DISPLACEMENT. THE SWITCH MAY BE REINSTALLED TO THE NEW OR OLD ACTUATOR DISPLACEMENT AND ONCE AGAIN IT WILL SELF ADJUST TO THE PROPER RELATIONSHIP
 - 2 - CORROSION RESISTANT STEEL ENCLOSURE, BUSHING AND PLUNGER
 - 3 - SWITCH SEALED PER MIL-PRF-8805 SYMBOL 4
 - 4 - SHOCK PER MIL-PRF-8805 SYMBOL M
 - 5 - VIBRATION PER MIL-PRF-8805 GRADE 1
 - 6 - MINIMUM MECHANICAL LIFE: 50,000 CYCLES
 - 7 - MINIMUM ELECTRICAL LIFE: 25,000 CYCLES AT RATED LOAD
 - 8 PRINT CIRCUIT DIAGRAM, FED. MFG. CODE, CATALOG LISTING, DATE CODE AND CUSTOMER PART NO. N531-5181
 - 9 HARDWARE MAY BE PACKAGED UNASSEMBLED PER MIL-PRF-8805
 - 10 - INITIAL OPERATION OF THE SWITCH WILL OCCUR WITHIN THE PRETRAVEL SPECIFICATION AND RELEASE PER THE CLICK DISTANCE SPECIFICATION. CLICK DISTANCE IS THE DISTANCE THE PLUNGER RETURNS FROM THE DOWNWARD STROKE TO THE POINT OF CIRCUIT TRANSFER
 - 11 - INSTALLATION OF THE SWITCH SHOULD DEPRESS THE PLUNGER A MINIMUM OF THE SUM OF THE PRETRAVEL AND THE CLICK DISTANCE. IF THE PLUNGER TRAVEL IS LESS THAN THIS SUM, THE CLICK DISTANCE WILL BE EQUAL TO THE PLUNGER TRAVEL MINUS THE PRETRAVEL MINUS APPROXIMATELY .010 INCHES

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH, A DIVISION OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH

CHARACTERISTICS		ELECTRICAL DATA	
PRETRAVEL----- .040 MAX		CONTACT ARRANGEMENT SPDT	
OPERATING FORCE ----- 3-17 LBS		(SILVER CONTACTS)	
TOTAL TRAVEL ----- .300 MIN		28 VDC	
CLICK DISTANCE----- .150 - .170		LOAD (AMPS)	SEA LEVEL 50,000 FT
RELEASE FORCE ----- 2 LB MIN		RES	7 4
ACTUATOR FORCE----- 17 LB MAX		IND	4 2.5
		LAMP	2 2

THIRD ANGLE PROJECTION



SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE (.0) $\pm .030$

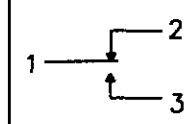
TWO PLACE (.00) $\pm .015$

THREE PLACE (.000) $\pm .005$

ANGLES $\pm 4^\circ$

WEIGHT

CIRCUIT DIAGRAM



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Honeywell:](#)

[3HT85](#) [HS-1067](#)