

CATALOG LISTING  
**301LS8**  
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**MICRO SWITCH**  
 FREEPORT, ILLINOIS, U.S.A.  
 A DIVISION OF HONEYWELL  
 FED. MFG. CODE 91928

**SWITCH - ENCLOSED**

CATALOG LISTING  
**301LS8**

**18PA3 CIRCUIT DIAGRAM**

**NOTES**

1- ROLLER LEVER MAY BE LOCKED IN ANY POSITION THRU 360° WHEN HEAD MECHANISM IS POSITIONED IN OTHER THREE QUADRANTS, LEVER LOCATION IS RESTRICTED TO APPROX 180°

2- ROLLER LEVER WILL OPERATE BOTH SWITCHES IN EITHER DIRECTION FROM NEUTRAL

3- LEVER FURNISHED UNASSEMBLED IN UNIT PACKING BOX

4- BASIC SWITCHES DO NOT NECESSARILY OPERATE SIMULTANEOUSLY

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CHARACTERISTICS	ELECTRICAL DATA	SCALE 1/2 TO 1
OPERATING TORQUE — — — — — 75 IN-LB MAX	CONTACT ARRANGEMENT (SEE CIRCUIT DIAGRAM)	DO NOT SCALE PRINT
FULL OVERTRAVEL TORQUE — — — — — 9.0 IN-LB MAX		UNLESS OTHERWISE NOTED
RELEASE TORQUE — — — — — 75 IN-LB MIN	18A-120, 240, OR 480 VAC, 1/3 HP - 120 VAC	DIMENSIONS ARE IN INCHES
PRETRAVEL — — — — — 15° MAX	3/4 HP - 240 VAC; 0.8A - 115 VDC; 0.8A - 230 VDC	TOLERANCES ARE:
DIFFERENTIAL TRAVEL — — — — — 10° MAX	1A - 550 VDC	ONE PLACE (.001) ±.001
OVERTRAVEL — — — — — 30° MIN	PILOT DUTY: 600 VAC MAX	TWO PLACE (.001) ±.001
RELEASE TRAVEL — — — — — 5° MIN		THREE PLACE (.000) ±.000
SWITCH-BASIC REPLACEMENT — — — — — 2MN6 (2)		ANGLE ±.005
		WEIGHT