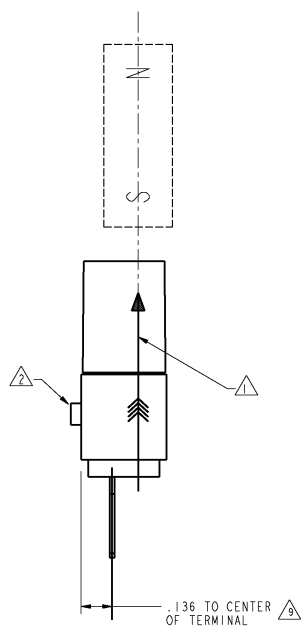




NOTES

- ① FLUX ENTERING THE SOUTH POLE OF THE MAGNET WILL OPERATE THE SENSOR WHEN MAGNET IS POSITIONED AS SHOWN IN FIGURE 1. THIS ASSUMES THE CONVENTION THAT THE DIRECTION OF THE EXTERNAL FLUX OF A MAGNET IS FROM THE NORTH TO SOUTH POLE OF THE MAGNET
- ② CAN BE STACKED ON .375 INCH CENTERS
- ③ CATALOG LISTING AND DATE CODE ARE LOCATED ON THE SIDE OF THE DEVICE
- ④ AT SUPPLY VOLTAGE OF 4.5 TO 24 VOLTS AND FULL TEMPERATURE RANGE
- ⑤ SENSITIVE AREA IS LOCATED WITHIN .025 OF THIS POINT AND .065 BEHIND THIS POINT
- ⑥ V_S IS THE UNREGULATED SUPPLY VOLTAGE
- ⑦ SENSITIVE AREA MARKED BY CROSSED LINES
- ⑧ MICRO SWITCH LOGO LOCATED IN THIS AREA
- ⑨ TERMINAL ACCEPTS .110 X .020 FASTON CONNECTOR
- ⑩ AT $24 \pm 2^\circ\text{C}$

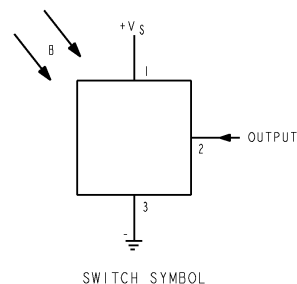
ABSOLUTE MAXIMUM RATINGS

ELECTRICAL CHARACTERISTICS

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graph LR
    VR[VOLTAGE REGULATOR] --- HS[HALL SENSOR]
    VR --- TCA[TRIGGER CIRCUIT AND AMPLIFIER]
    HS --- TCA
    TCA --- O[VS (+)  
OUTPUT (O) NORMALLY HIGH  
GROUND (-)]
  
```

BLOCK DIAGRAM SHOWING CURRENT SINKING OUTPUTS



THIRD ANGLE PROJECTION		
		
SCALE	3 : 1	
DO NOT SCALE PRINT		
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE		
ONE PLACE	(.01)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±
WEIGHT		

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**MAGNETICALLY
OPERATED
HALL SWITCH**

417SR10

ANSI Y14.5M-1982 APPLIES

FED. MFG. CODE 31929

WEIGHT