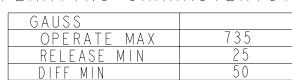
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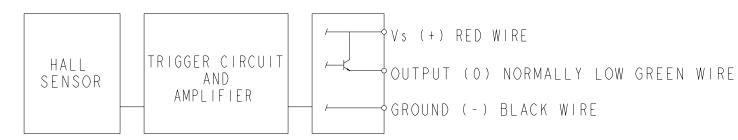
## ABSOLUTE MAXIMUM RATINGS

71000001	THAT THE HEALTH WAS O
SUPPLY VOLTAGE (Vs)	-1.2 VDC TO +10.0 VDC
VOLTAGE EXTERNALLY	-0.5 VOLTS DC MAX WITH SWITCH IN "OFF" CONDITION ONLY
APPLIED TO OUTPUT	6.5 VOLTS MAX WITH SWITCH IN "OFF" OR
	"ON" CONDITION
OUTPUT CURRENT	40 mA (SOURCE PER OUTPUT)
TEMPERATURE	-40°C TO 85°C
OPERATE AND STORAGE	
MAGNETIC FLUX	NO LIMIT, THE CIRCUIT CANNOT BE DAMAGED BY
	MAGNETIC OVERDRIVE

## ELECTRICAL CHARACTERISTICS

	MIN	TYP	MAX	REMARKS
SUPPLY CURRENT 4		2.5 mA	4.0 mA	OFF CONDITION
OUTPUT VOLTAGE	3.4 V	3.5 V	3.6 V	SOURCING 20 mA PER OUTPUT
(OPERATED)				
OUTPUT LEAKAGE			I OM A	LEAKAGE INTO SWITCH OUTPUT
CURRENT (RELEASED)				
OUTPUT SWITCHING TIME				
(SOURCING 20 mA)				
RISE TIME 4		0.2µ SEC	I.5u SEC	10% TO 90%
FALL TIME		0.IU SEC	0.5Д SEC	90% TO 10%

NOTE: THIS DEVICE IS NOT PROTECTED AGAINST HIGH ELECTRICAL NOISE.
IF ERRATIC OPERATION OCCURS AFTER INSTALLATION INSTALL A CAPACITOR ACROSS THE INPUT TERMINALS (O. 1 MFD). IF ERRATIC OPERATION CONTINUES YOU MAY HAVE TO USE THE INDUSTRIAL DEVICES THAT MICRO SWITCH MANUFACTURES. PLEASE CONTACT YOUR LOCAL FIELD REPRESENTATIVE FOR INFORMATION



BLOCK DIAGRAM SHOWING CURRENT SOURCING OUTPUTS

FLUX ENTERING THE SOUTH POLE OF THE MAGNET WILL OPERATE THE SENSOR
WHEN MAGNET IS POSITIONED AS SHOWN IN FIGURE 2. THIS ASSUMES THE
CONVENTION THAT THE DIRECTION OF THE EXTERNAL FLUX OF A MAGNET IS
FROM THE NORTH TO THE SOUTH POLE OF THE MAGNET
LEADWIRES (INDIVIDUAL WIRES) ARE 24 GAGE STRANDED WITH IRRADIATED POLYETHYLENE INSULATION

DATE CODE LOCATED IN THIS AREA
FROM 0°C TO 70°C AND 4.5 TO 5.5 VOLTS
CATALOG LISTING LOCATED IN THIS AREA
SENSITIVE AREA IS LOCATED .050 BEHIND THE SENSING FACE

THIRD ANGLE PROJECTION DO NOT SCALE PRINT UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ONE PLACE ( . 0 ) ± .030 TWO PLACES (.00) ±.015 THREE PLACES (.000) ± .005 ANGLES

WEIGHT

HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE APPROVAL OF MICRO SWITCH. MICRO SWITCH a Honeywell Division FED. MFG. CODE 91929

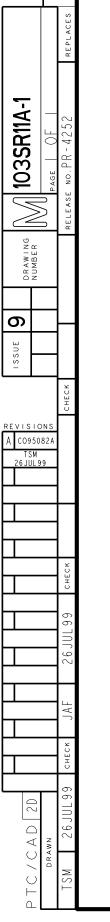
**MAGNETICALLY** 

THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF MICRO SWITCH. A DIVISION OF

OPERATED CYLINDRICAL HALL SWITCH

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CATALOG LISTING



.240±.030(3)

 $6.000 \pm .300(3)$ 

 $1.000 \pm .040$ 

-24 GAUGE CONDUCTOR WIRE LEADS (3)  $\sqrt{2}$ 

- 15/32-32 UNS-2A

-HEX NUT (2)

— SENSING FACE 👍

-SENSOR WILL BE LOCATED

ANYWHERE WITHIN .025∅

FIG. I

+ V s