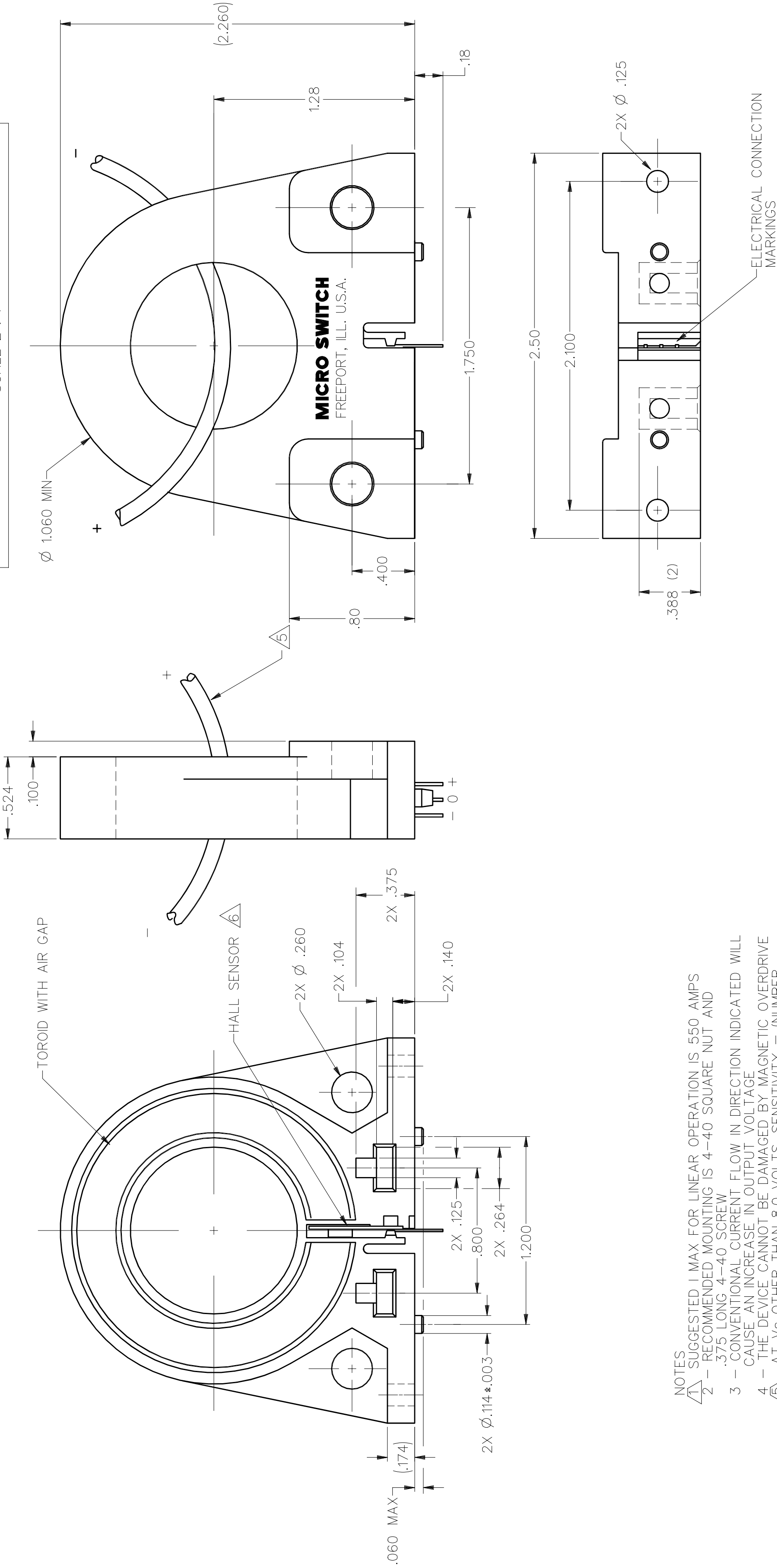
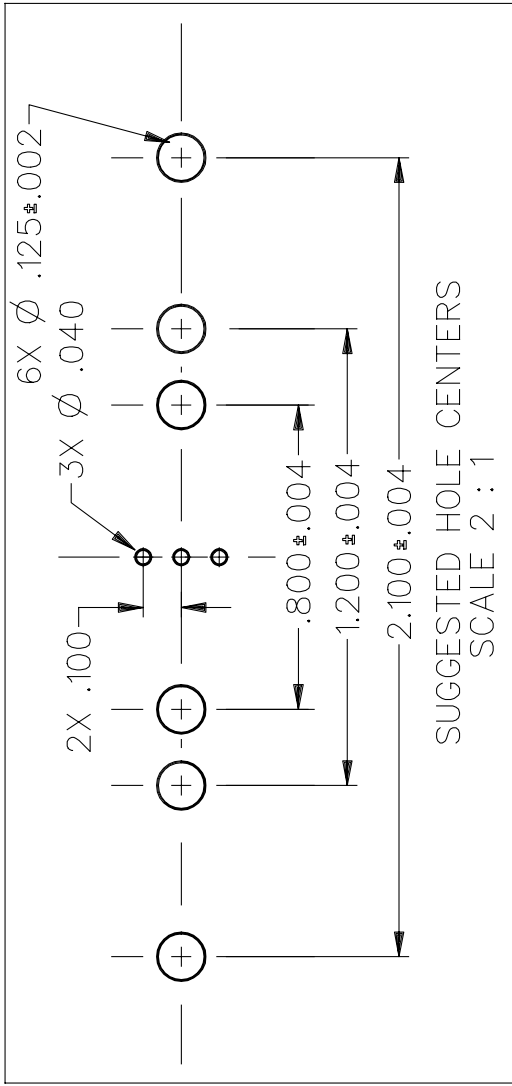


CHARACTERISTICS

PARAMETER	MIN	TYP	MAX	UNITS	CONDITIONS/REMARKS
SUPPLY VOLTAGE	5.4	8.0	13.2	VOLTS	-25°C TO 85°C
SUPPLY CURRENT		13	20	mA	MAX @ -25°C, TYP @ 25°C, V _s = 8.0V, EXCLUDES LOAD
OUTPUT CURRENT	1			mA	SINKING OR SOURCING
OUTPUT VOLTAGE SWING	(-V)+1.25		(+V)-1.25	VOLTS	MAX CLAMPED @ 9.0 VOLTS MIN
SENSITIVITY	3.9	.5	4.7	mV/NI	@ V _s = 8.0 V & 25°C / 5
LINEARITY	.5(V _s)-2%		1.0	% OF SPAN	DEV FROM STR LINE FROM -I TO +I MAX / 1
V _{out} @ Ø NI			.5(V _s)+2%	VOLTS	25°C
TEMP ERROR - NULL	-.013		+0.013	%/°C	-25°C TO 85°C
TEMP ERROR - GAIN	-.06		+0.01	%/°C	-25°C TO 85°C

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- NOTES
- 1 - SUGGESTED I MAX FOR LINEAR OPERATION IS 550 AMPS
 - 2 - RECOMMENDED MOUNTING IS 4-40 SQUARE NUT AND .375 LONG 4-40 SCREW
 - 3 - CONVENTIONAL CURRENT FLOW IN DIRECTION INDICATED WILL CAUSE AN INCREASE IN OUTPUT VOLTAGE
 - 4 - THE DEVICE CANNOT BE DAMAGED BY MAGNETIC OVERDRIVE
 - 5 - AT V_s OTHER THAN 8.0 VOLTS, SENSITIVITY = (NUMBER SHOWN) X V_s/8
 - 6 - BACKSIDE OF HALL SENSOR IS ELECTRICALLY CONNECTED TO THE "-" TERMINAL
 - 7 - SENSOR COATED WITH HUMISEAL
 - 8 - CORES TO BE VISUALLY CENTERED ABOUT SENSOR

THIRD ANGLE PROJECTION
SCALE 2 : 1
DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
ONE PLACE (.) ± .030
TWO PLACES (.) ± .015
THREE PLACES (.000) ± .005
ANGLES
WEIGHT

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CATALOG LISTING

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