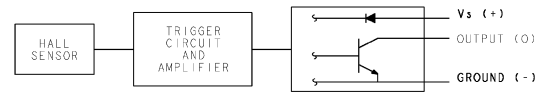


CHARACTERISTICS ARE AT $V_s=4.5$ TO 24 VOLTS WITH 20mA LOAD WITH $\triangle 4/13$
 $T_A=-40^{\circ}\text{C}$ TO $+125^{\circ}\text{C}$ UNLESS OTHERWISE NOTED

PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SUPPLY VOLTAGE	25°C	4.5		24.0	VOLTS
SUPPLY CURRENT	25°C		6.8	10.0	mA
OUTPUT CURRENT	25°C			20.0	mA
V_{sat} AT 15mA	GAUSS $> 170 @ 25^{\circ}\text{C}$			0.4	VOLTS
OUTPUT LEAKAGE	GAUSS $< -170 @ 25^{\circ}\text{C}$			1.0	μA
RISE TIME	$25^{\circ}\text{C} @ 4.5\text{V}$		0.5	1.5	μs
FALL TIME	$25^{\circ}\text{C} @ 4.5\text{V}$		0.2	1.5	μs
MAX OPERATE	25°C		45	110	GAUSS
MIN RELEASE	25°C	-110	-45		GAUSS
MIN DIFFERENTIAL	25°C	50			GAUSS
OPERATING TEMP		-40		+125	$^{\circ}\text{C}$
STORAGE TEMP		-55		+165	$^{\circ}\text{C}$

BLOCK DIAGRAM CURRENT SINKING OUTPUT

ABSOLUTE MAXIMUM RATING $\triangle 10$

PARAMETER	CONDITIONS	MIN	TYP	MAX	UNITS
SUPPLY VOLTAGE		-28		28	VOLTS
APPLIED OUTPUT VOLTAGE		-0.5		28	VOLTS
OUTPUT CURRENT				20	mA
MAGNETIC FLUX				NO LIMIT	GAUSS

RELEASE NO.
0004092

ANSI Y14.5M-1982 APPLIES

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SCALE -		SHEET 2 OF 2		