

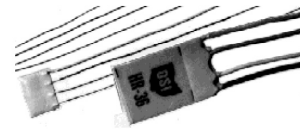
HALLTRON MAGNETIC FIELD PROBE

FEATURES

- High accuracy, low noise.

APPLICATIONS

- Magnetic field sensing applications



MODEL SELECTION

HALL OUTPUT*	NOMINAL CONTROL CURRENT I _c , (mA)	OHMIC RESIDUAL, (mV)		NOMINAL INPUT RESISTANCE (OHMS) (approx)	NOMINAL OUTPUT RESISTANCE (OHMS) (approx)	DIMENSIONS (INCHES)			LEAD INSUL. MAT'L.	TEMP. COEFF. % OUTPUT PER °C (typical)	MODEL NUMBER
		FIELD=0 I _c =10mA	FIELD=0 I _c =100mA			L	W	T			
350	350		0.15	1.5	1.5	0.625	0.375	0.035	PVC	-0.10	HR36
200	25	0.2		10.0	10.0	0.625	0.375	0.035	PVC	-0.25	HR38
500	200		0.50	5.0	4.0	0.200	0.250	0.028	Enamel	-0.15	HR66
340	200		0.50	2.0	2.0	0.200	0.250	0.028	PVC	-0.10	HR70
700	100	0.2		9.0	6.0	0.200	0.250	0.028	Enamel	-0.25	HR72
550	100		1.00	10.0	10.0	0.200	0.250	0.035	Enamel	-0.25	HR77
100	100		0.50	2.5	2.0	0.200	0.250	0.028	PVC	-0.05	HR125A

*Output specified with field strength of 10kGauss, and control current as listed in table.
Operating temperature range: -65°C to +85°C

SPECIFICATIONS

INPUT

Magnetic Field10kGauss

OUTPUT

VoltageSee Table

INSTRUMENT POWER

Control Current.....See Table

TEMPERATURE

Operating Range-65°C to 85°C

CoefficientSee Table

DIMENSIONS



See chart for length, width, and thickness dimensions.