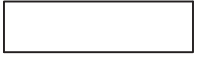
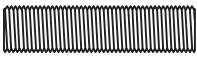





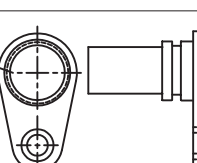


# Hall Effect Linear Output (HL) Products

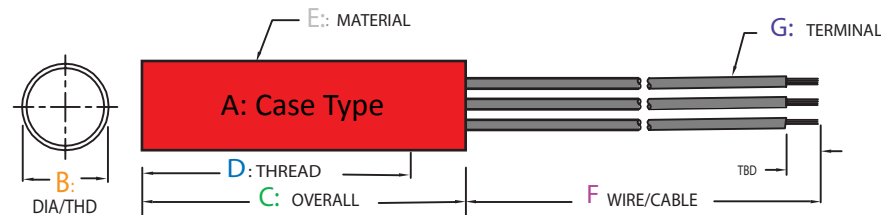
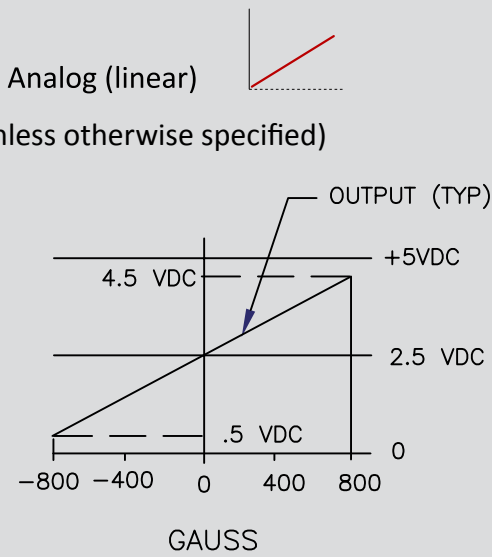
CASE TYPES	DESCRIPTION	A
	SMOOTH	0
	ALL THREAD	1
	HEX HEAD	2
	KNURL HEAD	3
	CONNECTOR HEAD	4
	WRENCH FLAT HEAD	5
	SMOOTH / THREAD	6
	WITH FLANGE	7

Target: Magnet

Output Type: Ratiometric Analog (linear)

Input Voltage: 5 VDC (unless otherwise specified)

Output vs. Gauss Graph



## STANDARD PRODUCT LIST

Product P/N	MECHANICAL SPECIFICATIONS							ELECTRICAL SPECIFICATIONS						ENVIRONMENT
	A	B	C	D	E	F	G	INPUT Voltage (VDC)	INPUT Current (mA)	V Out @ 0 G 5 V Input	Sensitivity mV/G	OUTPUT Current (mA)	Linearity % of Span MAX	TEMPRETURE RANGE °C
<b>3/8" Diameter Series</b>														
HL030-400	0	3/8"	1.40	-	ALUM	24±0.5	3 Con, 22 AWG, PVC Cbl	4.5-10.5	9	2.5 ± .175	2.5± .10	1.5	-1.5	-40 To 100
<b>1/2" Diameter Series</b>														
HL050-400	0	1/2"	1.00	-	303 S S	36 ±1.0	3 Con, 22 AWG, PVC Cbl	4.5-10.5	9	2.5 ± .175	2.5± .10	1.5	-1.5	-40 To 100
<b>5/16" Diameter Series</b>														
HL130-400	1	5/16"-24	1.50	1.50	303 S S	12 ±1.0	3 Con, 22 AWG, Tef. Cbl	4.5-10.5	9	2.5 ± .175	2.5± .10	1.5	-1.5	-40 To 125
<b>M12 Diameter Series</b>														
HL112-400	1	M12 x 0.75	0.95	0.95	ALUM	98±3.0	3 Con, 22 AWG, PVC Cbl	4.5-10.5	9	2.5 ± .175	2.5± .10	1.5	-1.5	-40 To 100

NOTE: ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED  
 \* SEALED FRONT