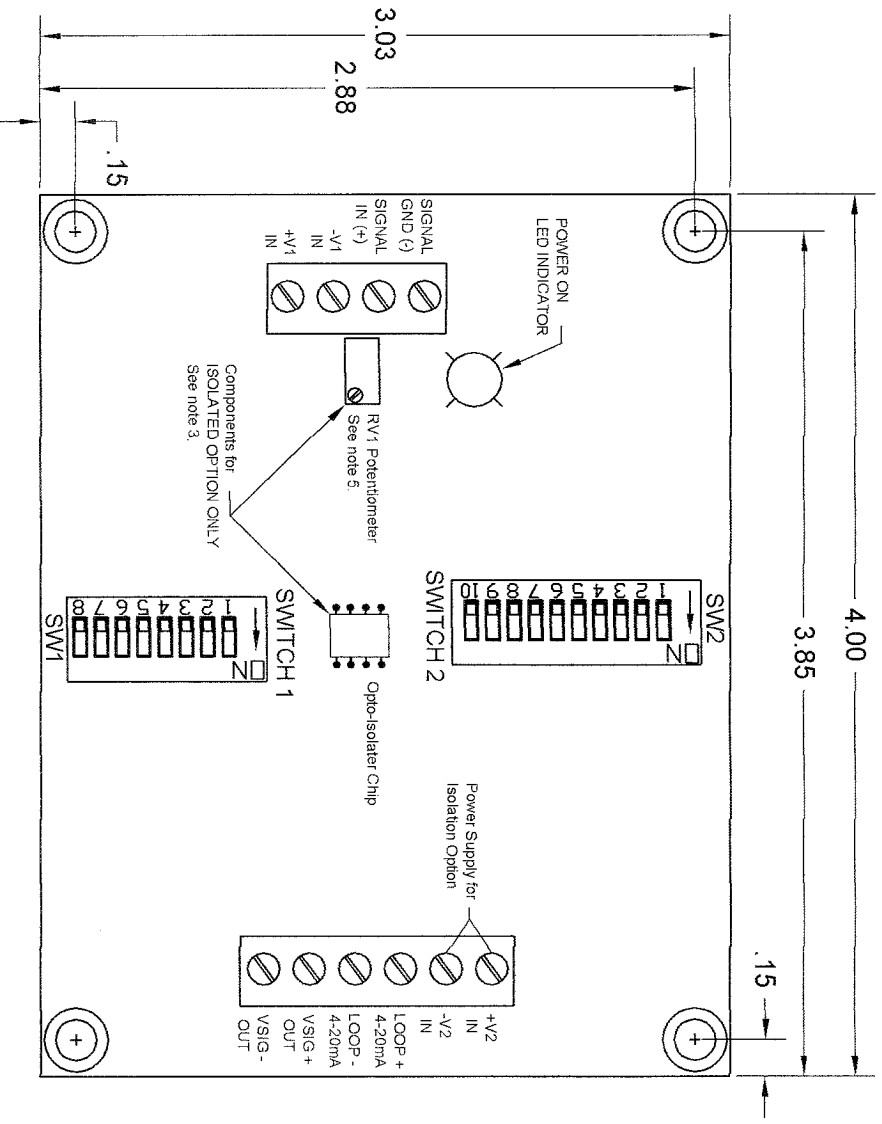


REV	DATE	DESCRIPTION	ECN#
A	02/19/07	Added Part Number Legend	




PART NUMBER LEGEND

B-01376-1	Non-isolated Springboard w/No Dip Switches (dedicated input to output)
B-01376-2	Non-isolated Springboard w/Dip Switches (all 50 combinations possible)
B-01376-3	Isolated Springboard w/Dip Switches (two power supplies required)

NOTES:

- CAUTION!** The Springboard is a signal converter only! E/H Products, LLC cannot foresee all possible safety precautions of a specific application. Additional safeguards must be in place to ensure a safe application in the event that the Springboard does not operate properly. E/H Products does not accept responsibility for the overall safety of the final application.
- Power Supply to be 24-32VDC @ 4 watts minimum connected to terminals +V1 and -V1. Power ON LED denotes power is present.
- When configured for the isolation option (RV1 and other components are present), two power supplies are required. Connect a separate 24-32VDC (4 watt min.) supply at +V2 and -V2 terminals. Each power supply must be rated for a minimum of 2KV of isolation to achieve the 2KV rating of the Springboard. Power Supplies are not included with the Springboard.
- See Switch Chart for dip switch settings to configure input (switch 1) and output (switch 2) parameters. Remove power when adjusting switches.
- When configured for the isolation option, adjust the gain trimpot (RV1) screw by applying a full signal input while monitoring and adjusting the output to the desired full output signal. Use Sentry Seal or equivalent on the trimpot adjustment screw if vibration is present in the application.
- Approximate overall dimensions: 4.00L x 3.03W x .60H".

TOLERANCES UNLESS SPECIFIED
 NO PLACES = +/-.25"
 .0 = +/-.05"
 .00 = +/-.02"
 .000 = +/-.010"
 .001 = +/-.01"

 E/H Products, LLC 25 Brookdale Street Wolcott, CT 06716		Forming/Fin	B-01376
		Date	01/12/07
Title	Springboard Signal Converter	Scale	2:1
Drawn By	RFC	Rev	A
Checked		Page	1 of 1

SPRINGBOARD SWITCH SETTINGS

06/17/04
Rev 1

SWITCH 1 (Input)								SWITCH 2 (Output)											
X=ON	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	X=ON
0-1VDC			X				X				X	X							0-1VDC
0-1VDC			X			X					X		X						0-5VDC
0-1VDC			X			X				X		X					X		+/- 5VDC
0-1VDC			X			X					X			X					0-10VDC
0-1VDC			X			X			X		X						X		+/- 10VDC
0-1VDC			X			X				X				X					0-20mA
0-1VDC			X			X				X	X				X	X			4-20mA
0-4VDC	X							X			X	X							4-20mA
0-5VDC			X		X						X	X							0-1VDC
0-5VDC			X					X			X	X							0-5VDC
0-5VDC			X		X				X		X						X		+/- 5VDC
0-5VDC			X		X					X				X					0-10VDC
0-5VDC			X		X				X		X						X		+/- 10VDC
0-5VDC			X		X					X				X					0-20mA
0-5VDC			X		X					X	X				X	X			4-20mA
+/- 5VDC								X			X	X							0-1VDC
+/- 5VDC								X			X		X						0-5VDC
+/- 5VDC								X		X	X						X		+/- 5VDC
+/- 5VDC								X		X	X								0-10VDC
+/- 5VDC								X		X							X		+/- 10VDC
+/- 5VDC								X		X									0-20mA
+/- 5VDC								X		X									4-20mA
0-10VDC			X					X			X	X							0-1VDC
0-10VDC			X					X			X		X						0-5VDC
0-10VDC			X					X		X							X		+/- 5VDC
0-10VDC			X					X		X									0-10VDC
0-10VDC			X					X		X							X		+/- 10VDC
0-10VDC			X					X		X									0-20mA
0-10VDC			X					X		X						X	X		4-20mA
X=ON	1	2	3	4	5	6	7	8	1	2	3	4	5	6	7	8	9	10	X=ON
+/- 10VDC				X							X		X						0-1VDC
+/- 10VDC				X							X			X					0-5VDC
+/- 10VDC				X					X		X						X		+/- 5VDC
+/- 10VDC				X					X		X								0-10VDC
+/- 10VDC				X					X		X						X		+/- 10VDC
+/- 10VDC				X					X		X						X	X	0-20mA
+/- 10VDC				X						X	X						X	X	4-20mA
0-20mA		X	X		X						X		X						0-1VDC
0-20mA		X	X					X			X	X							0-5VDC
0-20mA		X	X			X			X		X						X		+/- 5VDC
0-20mA		X	X		X					X				X					0-10VDC
0-20mA		X	X		X				X		X						X		+/- 10VDC
0-20mA		X	X		X					X	X					X	X		0-20mA
0-20mA		X	X		X					X	X					X	X		4-20mA
4-20mA	X	X	X					X			X	X							0-1VDC
4-20mA	X	X	X					X			X		X						0-5VDC
4-20mA	X	X	X					X		X							X		+/- 5VDC
4-20mA	X	X	X					X			X				X				0-10VDC
4-20mA	X	X	X					X			X						X		+/- 10VDC
4-20mA	X	X	X					X			X								0-20mA
4-20mA	X	X	X					X			X	X				X	X		4-20mA