



Aπi 4385 G Calibrations Instructions and Range Table



1. Set Output Select Switch "A" for either Voltage or Current Output, as required.
2. Obtain the Switch Code from the Range Table below for your desired Input and Output ranges.

Input Spans		
Voltage	Current	SW 'D'
50mV	200uA	2
100mV	400uA	3
200mV	800uA	A
250mV	1mA	6
400mV	1.6mA	B
500mV	2mA	0
1V	4mA	1
2V	8mA	8
2.5V	10mA	4
4V	16mA	9
5V	20mA	5
10V	* 40mA	C
20V		D

Output Ranges		
Voltage	Current	SW 'B'
0-1V	0-2mA	0
0-2V	0-4mA	8
0-4V	0-8mA	1
0-5V	0-10mA	9
0-8V	0-16mA	2
0-10V	0-20mA	3
1-5V	2-10mA	6
2-10V	4-20mA	7
+/- 5V		4
+/- 10V		5

* **Note:** Maximum allowable Offset is +/-75%.

Offsets	SW 'E'
+100% of Input Span	7
+90% of Input Span	6
+75% of Input Span	5
+60% of Input Span	4
+45% of Input Span	3
+30% of Input Span	2
+15% of Input Span	1
0% of Input Span	0,8
-15% of Input Span	9
-30% of Input Span	A
-45% of Input Span	B
-60% of Input Span	C
-75% of Input Span	D
-90% of Input Span	E
-100% of Input Span	F

3. Set Switches "B/D/E" to the Switch Code for desired Input/Output ranges.
4. Set Input Select Switch "C" for either Voltage or Current Input, as required.
5. Set Zero/Span/Test Cal. controls.

		INPUT RANGES																			
		0-200uA	0-2mA	0-4mA	0-8mA	0-10mA	0-16mA	4-20mA	0-20mA	10-50mA	-50-0mV	0-200mV	0-250mV	0-400mV	0-1V	0-2V	0-2.5V	0-4V	±5V	0-20V	20-40V
Switch ID		BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE	BDE
OUTPUT RANGES	0-1V	020	000	010	080	040	090	09A	050	0CA	02F	0A0	060	0B0	010	080	040	090	0C3	0D0	0D7
	0-2V	820	800	810	880	840	890	89A	850	8CA	82F	8A0	860	8B0	810	880	840	890	8C3	8D0	8D7
	0-4V	120	100	110	180	140	190	19A	150	1CA	12F	1A0	160	1B0	110	180	140	190	1C3	1D0	1D7
	1-5V	620	600	610	680	640	690	69A	650	6CA	62F	6A0	660	6B0	610	680	640	690	6C3	6D0	6D7
	0-5V	920	900	910	980	940	990	99A	950	9CA	92F	9A0	960	9B0	910	980	940	990	9C3	9D0	9D7
	0-8V	220	200	210	280	240	290	29A	250	2CA	22F	2A0	260	2B0	210	280	240	290	2C3	2D0	2D7
	2-10V	720	700	710	780	740	790	79A	750	7CA	72F	7A0	760	7B0	710	780	740	790	7C3	7D0	7D7
	0-10V	320	300	310	380	340	390	39A	350	3CA	32F	3A0	360	3B0	310	380	340	390	3C3	3D0	3D7
	+/-5V	420	400	410	480	440	490	49A	450	4CA	42F	4A0	460	4B0	410	480	440	490	4C3	4D0	4D7
	+/-10V	520	500	510	580	540	590	59A	550	5CA	52F	5A0	560	5B0	510	580	540	590	5C3	5D0	5D7
	0-2mA	020	000	010	080	040	090	09A	050	0CA	02F	0A0	060	0B0	010	080	040	090	0C3	0D0	0D7
	2-10mA	620	600	610	680	640	690	69A	650	6CA	62F	6A0	660	6B0	610	680	640	690	6C3	6D0	6D7
	0-10mA	920	900	910	980	940	990	99A	950	9CA	92F	9A0	960	9B0	910	980	940	990	9C3	9D0	9D7
	0-16mA	220	200	210	280	240	290	29A	250	2CA	22F	2A0	260	2B0	210	280	240	290	2C3	2D0	2D7
4-20mA	720	700	710	780	740	790	79A	750	7CA	72F	7A0	760	7B0	710	780	740	790	7C3	7D0	7D7	
0-20mA	320	300	310	380	340	390	39A	350	3CA	32F	3A0	360	3B0	310	380	340	390	3C3	3D0	3D7	