



## RANGE SELECTION ON THE API 4380G HV3

1. LOCATE THE SWITCH COMINATION FOR YOUR DESIRED INPUT AND OUTPUT RANGE FROM THE TABLE BELOW.
2. SET THE OUTPUT SELECTOR SWITCH TO CURRENT (I) OR VOLTAGE (V), AS DESIRED.
3. SET THE THREE ROTARY SWITCHES ("A", "B", "C") TO THE GIVEN VALUES FROM THE TABLE.
4. SET THE INPUT SELECTOR SWITCH TO HIGH (H) OR LOW (L) TO THE GIVEN VALUE FROM THE TABLE.
5. THE ZERO, SPAN AND TEST CAL POTENIOMETERS CAN NOW BE ADJUSTED FOR DESIRED OUTPUT RANGE.

### OUTPUT RANGES

|   |         | 0-1V | 0-2V | 0-4V | 0-5V | 1-5V | 0-8V | 2-10V | 0-10V | ±5V  | ±10V | 0-2mA | 0-10mA | 2-10mA | 0-16mA | 4-20mA | 0-20mA |
|---|---------|------|------|------|------|------|------|-------|-------|------|------|-------|--------|--------|--------|--------|--------|
| <b>I<br/>N<br/>P<br/>U<br/>T<br/><br/>R<br/>A<br/>N<br/>G<br/>E<br/>S</b> | 0-1V    | 081H | 181H | 281H | 381H | 283H | 581H | 583H  | 681H  | 881H | 981H | 081H  | 381H   | 283H   | 581H   | 583H   | 681H   |
|   | 0-2V    | 091H | 191H | 291H | 391H | 293H | 591H | 593H  | 691H  | 891H | 991H | 091H  | 391H   | 293H   | 591H   | 593H   | 691H   |
|   | 0-3V    | 0A1L | 1A1L | 2A1L | 3A1L | 2A3L | 5A1L | 5A3L  | 6A1L  | 8A1L | 9A1L | 0A1L  | 3A1L   | 2A3L   | 5A1L   | 5A3L   | 6A1L   |
|   | 0-4V    | 0A1H | 1A1H | 2A1H | 3A1H | 2A3H | 5A1H | 5A3H  | 6A1H  | 8A1H | 9A1H | 0A1H  | 3A1H   | 2A3H   | 5A1H   | 5A3H   | 6A1H   |
|   | 0-5V    | 0C1H | 1C1H | 2C1H | 3C1H | 2C3H | 5C1H | 5C3H  | 6C1H  | 8C1H | 9C1H | 0C1H  | 3C1H   | 2C3H   | 5C1H   | 5C3H   | 6C1H   |
|   | 0-8V    | 0B1H | 1B1H | 2B1H | 3B1H | 2B3H | 5B1H | 5B3H  | 6B1H  | 8B1H | 9B1H | 0B1H  | 3B1H   | 2B3H   | 5B1H   | 5B3H   | 6B1H   |
|   | 0-10V   | 001H | 101H | 201H | 301H | 203H | 501H | 503H  | 601H  | 801H | 901H | 001H  | 301H   | 203H   | 501H   | 503H   | 601H   |
|   | 0-15V   | 011L | 111L | 211L | 311L | 213L | 511L | 513L  | 611L  | 811L | 911L | 011L  | 311L   | 213L   | 511L   | 513L   | 611L   |
|   | 0-20V   | 011H | 111H | 211H | 311H | 213H | 511H | 513H  | 611H  | 811H | 911H | 011H  | 311H   | 213H   | 511H   | 513H   | 611H   |
|   | 0-30V   | 021L | 121L | 221L | 321L | 223L | 521L | 523L  | 621L  | 821L | 921L | 021L  | 321L   | 223L   | 521L   | 523L   | 621L   |
|   | 0-40V   | 021H | 121H | 221H | 321H | 223H | 521H | 523H  | 621H  | 821H | 921H | 021H  | 321H   | 223H   | 521H   | 523H   | 621H   |
|   | 0-50V   | 041H | 141H | 241H | 341H | 243H | 541H | 543H  | 641H  | 841H | 941H | 041H  | 341H   | 243H   | 541H   | 543H   | 641H   |
|   | 0-60V   | 031L | 131L | 231L | 331L | 233L | 531L | 533L  | 631L  | 831L | 931L | 031L  | 331L   | 233L   | 531L   | 533L   | 631L   |
|   | 0-75V   | 051L | 151L | 251L | 351L | 253L | 551L | 553L  | 651L  | 851L | 951L | 051L  | 351L   | 253L   | 551L   | 553L   | 651L   |
|   | 0-80V   | 031H | 131H | 231H | 331H | 233H | 531H | 533H  | 631H  | 831H | 931H | 031H  | 331H   | 233H   | 531H   | 533H   | 631H   |
|   | 20-100V | 03FH | 13FH | 23FH | 33FH | 231H | 53FH | 531H  | 63FH  | 83FH | 93FH | 03FH  | 33FH   | 231H   | 53FH   | 531H   | 63FH   |
|   | 0-100V  | 051H | 151H | 251H | 351H | 253H | 551H | 553H  | 651H  | 851H | 951H | 051H  | 351H   | 253H   | 551H   | 553H   | 651H   |
|   | 0-150V  | 061L | 161L | 261L | 361L | 263L | 561L | 563L  | 661L  | 861L | 961L | 061L  | 361L   | 263L   | 561L   | 563L   | 661L   |
|   | 0-200V  | 061H | 161H | 261H | 361H | 263H | 561H | 563H  | 661H  | 861H | 961H | 061H  | 361H   | 263H   | 561H   | 563H   | 661H   |
|   | ±75V    | 064L | 164L | 264L | 364L | 266L | 364L | 366L  | 664L  | 864L | 964L | 064L  | 364L   | 266L   | 364L   | 366L   | 664L   |
| ±100V   | 064H    | 164H | 264H | 364H | 266H | 364H | 366H | 664H  | 864H  | 964H | 064H | 364H  | 266H   | 364H   | 366H   | 664H   |        |
| ±150V   | 074L    | 174L | 274L | 374L | 276L | 374L | 376L | 674L  | 874L  | 974L | 074L | 374L  | 276L   | 374L   | 376L   | 674L   |        |
| ±200V   | 074H    | 174H | 274H | 374H | 276H | 374H | 376H | 674H  | 874H  | 974H | 074H | 374H  | 276H   | 374H   | 376H   | 674H   |        |

NOTE: IF YOU CAN NOT FIND YOUR DESIRED INPUT/OUTPUT RANGE FROM THE TABLE; PLEASE CONSULT THE FACTORY.

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