



# API<sub>info</sub>

## API-1090G Range Tables

Following are the standard INPUT RANGE & ALARM CONFIGURATION tables used to configure the API-1090G DC Input, Dual Setpoint Alarm - Set switches A, B, C & D accordingly.

**EXAMPLE:** For 4-20mA DC Input, HI/LO Alarm, No Latching, Normal Operation  
Set Switches as follows: A = "I" (Current); B = "5"; C = "F"; D = "6"

VOLTAGE Inputs Set Switch A To "V"		CURRENT Inputs Set Switch A To "I"	
Range	Switch Code B & C	Range	Switch Code B & C
0-50mV	81	0-1mA	C1
0-100mV	91	0-2mA	01
0-200mV	A1	0-4mA	11
0-250mV	C1	0-8mA	21
0-400mV	B1	2-10mA	2F
0-500mV	01	0-10mA	41
-/+50mV	A4	0-16mA	31
-/+100mV	B4	0-20mA	51
0-1V	11	4-20mA	5F
0-2V	21		
0-2.5V	41		
0-4V	31		
1-5V	5F		
0-5V	51		
0-10V	61		
-/+5V	64		
-/+10V	74		

ALARM CONFIGURATION			
SP1/SP2	LATCHING	NORM/REV	SWITCH D
HI/LO	NO	NORM	6
HI/LO	NO	REV	E
HI/LO	YES	NORM	2
HI/LO	YES	REV	A
HI/HI	NO	NORM	4
HI/HI	NO	REV	C
HI/HI	YES	NORM	0
HI/HI	YES	REV	8
LO/LO	NO	NORM	7
LO/LO	NO	REV	F
LO/LO	YES	NORM	3
LO/LO	YES	REV	B
LO/HI	NO	NORM	5
LO/HI	NO	REV	D
LO/HI	YES	NORM	1
LO/HI	YES	REV	9