

## Instruction for Changing Programmable Configurations in Tables 1 and 2.

Note: Unit Should be idle, no Inputs or Output Active.

- To Enter Program Mode, place a Jumper on "CFG\_Enable" JP06.
- Press the CFG\_PGM Button to enter the Configuration Menu System.  
LED17 "CONFIG" will illuminate. Display will illuminate W/ "P" and then @ "00".
- Press the DOWN or UP Button to Select Configuration Position to Program.
- Press the CFG\_PGM Button to enter Programming Mode for the Position.
- Display will show "d" momentarily followed then by the current setting.
- Press the DOWN or UP Button to Change Position Setting per Tables.
- Press the CFG\_PGM Button to accept the Change.  
Display will show "P" followed by current position.
- To Make More Changes Repeat Steps 3 through 7.
- When Finished, Remove the Jumper on "CFG\_Enable" JP06 in order to return to Operate Mode.

**Table # 1: Programmable Inputs**

| Setting                         | Position | Description   | Options   |
|---------------------------------|----------|---|---|
| RESET                           | 1        | Master Reset to Default Settings  | 0 = No<br>1 = Reset Defaults (See Next Page for Instructions)   |
| EMS Input                       | 2        | Sets System Response to an Auto-Shutdown Signal   | 0 = No EMS<br>1 = EMS active ON<br>2 = EMS active OFF<br>3 = No EMS but First Key Time OUT  |
| Key Reset                       | 3        | Sets Keying as a RESET Method   | 0 = RESET Button resets Panic, Alarm, etc<br>1 = RESET Button OR Keying   |
| Alarm Output                    | 4        | 1 Permits an Inverted or Momentary Output with Panic  | 0 = Standard<br>1 = Momentary Panic<br>2 = Inverted Panic & Alarm<br>3 = Invert Panic & Alarm W/O EMS<br>4 = Panic & Alarm<br>5 = Panic W/O Alarm                             |
| First Key Timing                | 5        | In a Operation ON Cycle, after 1 <sup>st</sup> Keying all Circuits go OFF @ end of Cycle.<br>Position 2 MUST be set to "3". | 0 = No Timing<br>4 = 4 Hr<br>6 = 6 Hr<br>8 = 8 Hr<br>10 = 10 Hr<br>12 = 12 Hr<br>16 = 16 Hr<br>20 = 20 Hr   |
| Circuit Timing                  | 6        | After First Keying, With at least 1 Circuit ON, Circuits W/ "Timing OFF" =1 will go OFF                                     | 0 = No Timing<br>15 = 15 min<br>30 = 30 min<br>45 = 45 min<br>60 = 60 min<br>90 = 90 min<br>2 = 120 min<br>3 = 180 min<br>4 = 240 min   |
| Panic Notify Delay              | 7        | Panic Output will Operate W/O Delay OR After Selected Delay.  | 0 = No Delay<br>1 = 1 min<br>2 = 2 min<br>3 = 3 min<br>4 = 4 min<br>5 = 5 min   |
| Gas Detector Panic Notify Delay | 8        | Gas Detected will Operate Panic Output Circuit  | 0 = No Effect<br>1 = 1 min<br>2 = 2 min<br>3 = 3 min<br>4 = 4 min<br>5 = 5 min<br>10 = 10 min   |
| Exhaust Fan Timer               | 9        | Exhaust Fan operated by Timer with or without panic   | 0 = No Timing<br>15 = 15 min<br>30 = 30 min<br>45 = 45 min<br>60 = 60 min   |
| LA Input                        | 10       | Companion Input Mode @ Pins 18 & 19   | 0 = LA Companion Input<br>1 = Gas Detector Input for Cir 2 only<br>2 = LA Companion Input W/O EMS effect LA Output<br>3 = Gas Detector Input @ Cir 2 W/O EMS effect LA Output |

**CAUTION:** Programming Codes are precisely set to specific criteria established at the time of product ordering. Field modifications should not jeopardize the safety features maintained by this code. Contact ISIMET or your local representative prior to changing any code settings. Failure to do so may void warranty and place the occupants of the facility in jeopardy of injury or loss of life.

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## Instruction for Resetting Unit to Factory Defaults

Note: Unit Should be idle, no Inputs or Output Active. A Jumper at “CFG\_Enable” JP06 Must be in place.

1. Press the CFG\_PGM Button to enter the Configuration Menu System.  
LED17 “CONFIG” will Illuminate. Display will Illuminate W/ “P” and then @ “00”.
2. Using the “UP” – “DOWN” Buttons, Select Position # 1.
3. Press the “CFG\_PGM” Button.
4. Set Position # 1 to “1” and then press the “CFG\_PGM” Button.
5. Remove the Jumper @ JP06.
6. The Factory Defaults are returned for all Programmable Settings.

**Table # 2: Circuit Function Criteria**

| Circuit | Position | Description   | Options   |
|---------|----------|---|---|
| Cir #1  | 11       | Fuel Gas Detector<br>Effects Circuit Operation                        | 0 = none<br>1 = yes                                 |
| Cir # 1 | 12       | Circuit Timing Effects<br>Operation OFF                               | 0 = no<br>1 = yes<br>2 = EMS-No effect on OFF       |
| Cir #2  | 13       | Fuel Gas Detector<br>Effects Circuit Operation                        | 0 = none<br>1 = yes                                 |
| Cir # 2 | 14       | Circuit Timing Effects<br>Operation OFF                               | 0 = no<br>1 = yes                                   |
| Cir #3  | 15       | Circuit is Standard or Fan  | 0 = Standard<br>1 = Fan                             |
| Cir #3  | 16       | EMS Influence if Fan<br>(for OFF W/Panic only)                        | 0 = no<br>1 = yes                                   |
| Cir #3  | 17       | Fuel Gas Detector<br>Effects Circuit Operation                        | 0 = none<br>1 = yes                                 |
| Cir # 3 | 18       | Circuit Timing Effects<br>Operation OFF<br>(only if #15 = 1)          | 0 = no<br>1 = yes<br>2 = Fan Timer effects All OFFs |
| Cir # 3 | 19       | Spare   |   |
| Cir #4  | 20       | Circuit is<br>Remote or Switched                                      | 0 = Remote<br>1 = Switch                            |
| Cir #4  | 21       | Circuit is Standard or Fan  | 0 = Standard<br>1 = Fan                             |
| Cir #4  | 22       | EMS Influence if Fan<br>(for OFF W/Panic only)                        | 0 = no<br>1 = yes                                   |
| Cir #4  | 23       | Fuel Gas Detector<br>Effects Circuit Operation                        | 0 = none<br>1 = yes                                 |
| Cir # 4 | 24       | Circuit Timing Effects<br>Operation OFF<br>(only if #20 = 1), #21 = 1 | 0 = no<br>1 = yes<br>2 = Fan Timer effects All OFFs |
| Cir # 4 | 25       | Spare   |   |
| Cir #5  | 26       | Circuit is<br>Remote or Cir 3a  | 0 = none<br>1 = Remote<br>2 = Switch Cir 3a         |
| Cir #5  | 27       | If Circuit is Remote<br>Standard or Fan                               | 0 = Standard<br>1 = Fan                             |
| Cir #5  | 28       | Spare   |   |
| Cir #5  | 29       | Fuel Gas Detector<br>Effects Circuit Operation                        | 0 = none<br>1 = yes                                 |
| Cir #5  | 30       | If Remote Fan<br>Circuit Timing Effects<br>Operation OFF              | 0 = no<br>1 = yes (only if #31 = 1)                 |
| Cir #5  | 31       | If Remote Fan<br>If only active on Panic                              | 0 = no<br>1 = yes                                   |
| Cir # 5 | 32       | Alarm Effects Circuit if Not<br>Fan                                   | 0 = no<br>1 = yes OFF<br>2 = yes ON                 |