



Wireless communication

Reliable protection due to simplified mechanics

Battery powered probe

Optional Probe Checker

The L&J Engineering MCG 1096 Wireless Level Alarm System

Reliable Protection

The MCG 1096 Wireless High Level Alarm System brings state of the art technology to overfill protection. In keeping with the L&J tradition, the MCG 1096 has gone a step further than the competition in providing high reliability and low maintenance. The MCG 1096 offers the most reliable protection available against dangerous and costly overfills.

Battery Operation

The MCG 1096 needs no wires at all. It contains a Lithium battery which will totally power the unit. Using L&J proprietary algorithms, it instantaneously sends back any alarm conditions as well as continually checking battery conditions and probe electronics. If the battery should get low or any other abnormal condition, it will immediately notify the host.

Control Console

The control console includes relay outputs that trigger on an alarm event. Also, the console is equipped with a buzzer, LED's and an acknowledge button to silence the alarm. The system periodically checks for communication with the probe and, if communication is lost, alerts the user.

Applications

Up to four probes

Optional Relay outputs

Acknowledge button

Battery powered probe

Local annunciator and LED

Console 115 VAC

MCG 1096 WIRELESS LEVEL ALARM SYSTEM

Includes: Probe, Displacer, 10 Ft. (3 m) of 302 S.S. Cable. Special longer cables available, please specify actual cable length. Standalone outputs provided by Dry Contacts (no L&J Tankway).

MODEL NUMBER SELECTION:

The model number will have a base number, **MCG 1096**, followed by 7 digits. These digits will represent 7 option tables.

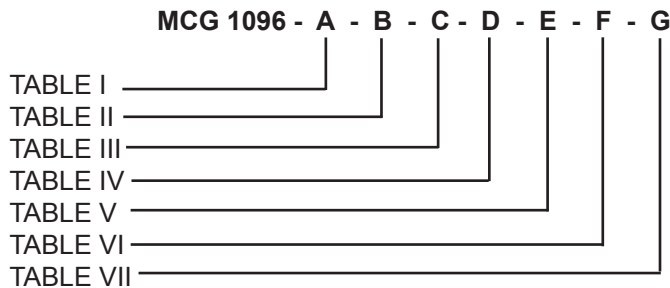


TABLE I - PROBE MATERIAL/MOUNTING

- A**
- 1 - Stainless Steel Probe/ Integral Mount Aluminum Housing
- 2 - Stainless Steel Probe/ Remote Mount FRP Housing

TABLE II - FLOAT MATERIAL

- B**
- 1 - Nitrophenyl
- 2 - Stainless Steel

TABLE III - PROBE CONNECTION

- C**
- 1 - 3/4" NPT
- 2 - 1" NPT

TABLE IV - ANTENNA

- D**
- 1 - Standard
- 2 - Explosion Proof

TABLE V - CONTROL CONSOLE*

- E**
- 1 - 1 Point
- 2 - 2 Points
- 3 - 3 Points
- 4 - 4 Points

TABLE VI - PROBES

- F**
- 1 - 1 Probe
- 2 - 2 Probes
- 3 - 3 Probes
- 4 - 4 Probes

TABLE VII - RELAY OUTPUT

- G**
- 0 - No Relay Output
- 1 - 1 Relay Output
- 2 - 2 Relay Outputs
- 3 - 3 Relay Outputs
- 4 - 4 Relay Outputs

*Option E has to be equal or greater than Option F