

MCG 1097 WirelessHART Relief Alarm

Reliable Protection

In this new age of always wanting more information, L&J Engineering now offers a way to monitor when tank vents are relieving. Our MCG 1097 WirelessHART Relief Alarm System can send a signal to notify the operator when a pressure device is relieving. This valuable information can be monitored and tracked. The instant reliable data will prove to be an asset that avoids the hassle of guess work and a saving of both time and money.

Battery Powered

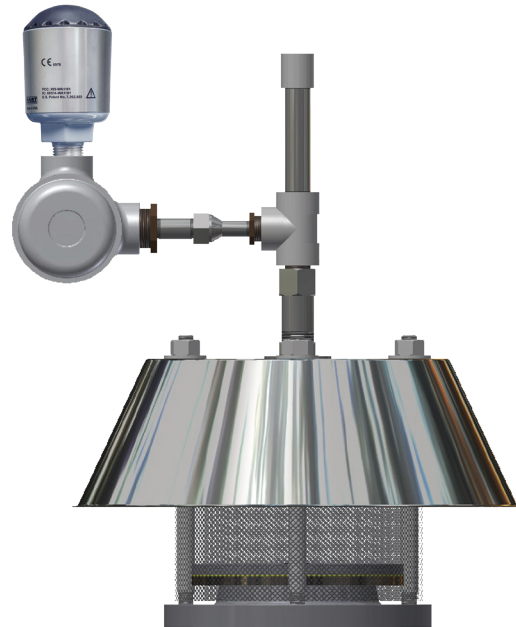
The MCG 1097 needs no wires at all. It contains a small lithium battery which will power the unit for at least one year. Using L&J proprietary algorithms, it instantaneously sends back any alarm conditions as well as continually checking battery conditions. If the battery should get low or any other abnormal condition should occur, it will immediately notify the host MCG 7030 Touch Panel Alarm Monitor.

Remote Data Acquisition

For a complete monitoring system the MCG 1097 is coupled to the MCG 7030 Touch Panel Alarm Monitor. The MCG 7030 has a 15" display which gives you a wide range of information on the screen, all accessible at your fingertips.

Pallet Lift Switch and Battery Status from the MCG 1097 can be displayed as well as Level Switch detection and Battery Status from the MCG 1095 Level Alarm Probe.

This information can then be transmitted to an external host system such as a PLC or DCS.



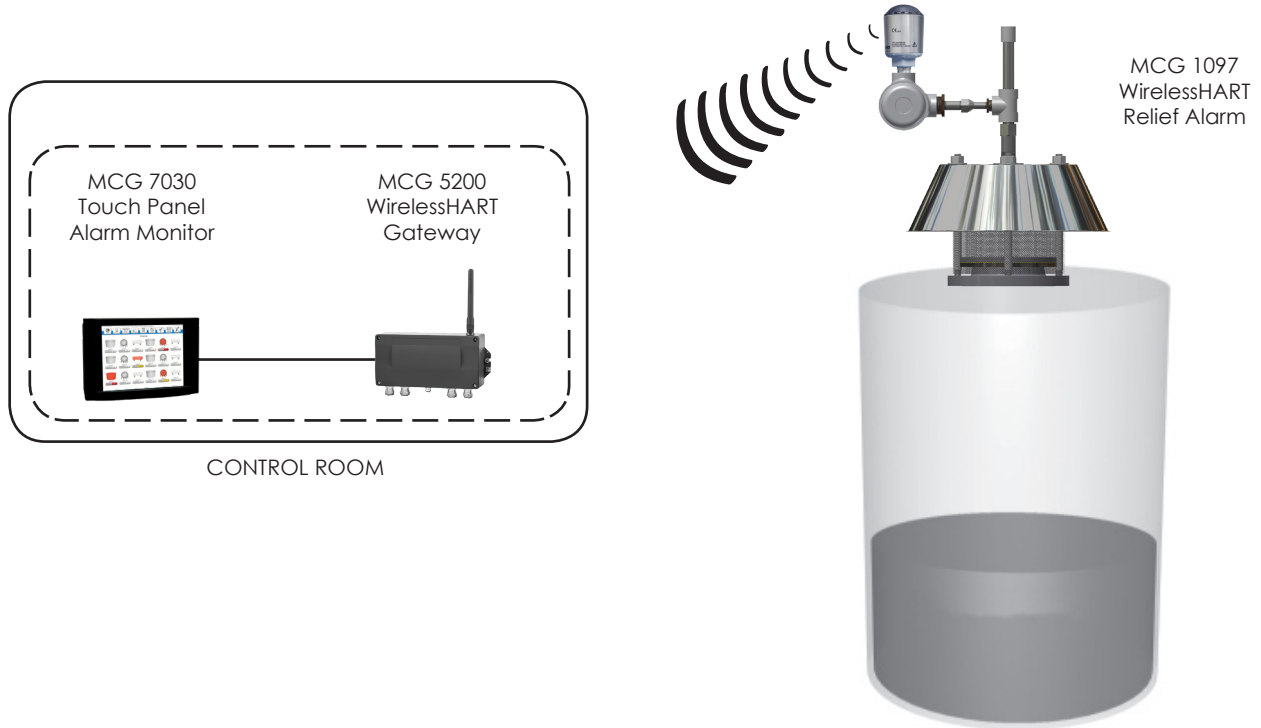
Features

- Pressure/Vacuum Relief Indication
- Transmits Switch & Battery Status
- Completely Wireless Operation
- Remote Monitoring
- Extended Life Lithium Battery

Applications

- Vapor Pressure Relief Indication
- Vacuum Relief Indication
- Liquid Overflow Indication
- Inert Blanketing Failure Open/Close

Typical System Layout



MCG 1097 Ordering Guide

MCG 1097 Level Alarm Probe

Model Number Selection:

The model number will consist of a base number **MCG 1097** followed by 1 digit. This digit will represent 1 option table:

MCG 1097 - A

| A - Options | |
|-------------|-----------------------------------|
| 2 | WirelessHART Unit w/ Battery Pack |

All designs subject to change. Certified dimensions and specifications available upon request.