

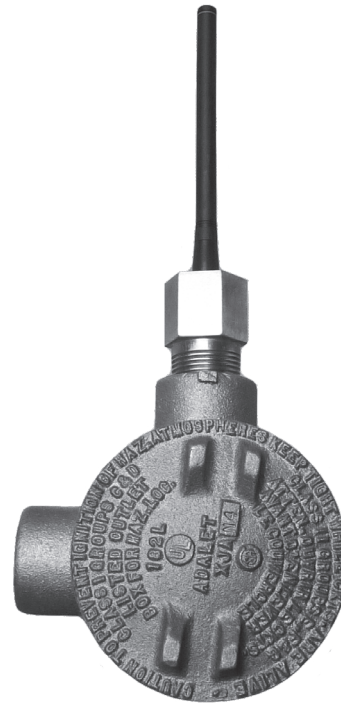
MCG 5102 Wireless Base Station

Information which can be transmitted:

- Product Level
- BS&W Level
- Temperature
- Pressure
- Discrete Status
- Diagnostic Information

Applications

- Connects directly to PLC or L&J Engineering computer (MCG 3630, 3900, 7030)
- Interface various field control and mounting equipment to the L&J system
- Integrated antenna and radio design
- Eliminates hardwire cable and conduit connections to the field equipment
- Provides transparent, wireless RF link to wireless gauges



Explosion Proof
Option Shown

Features

- Cost Effective Installation
- Easy Upgrade To Existing Inventory Management System
- Automated Wireless Gauging of Local and Remote Tank Fields
- Frequency Hopping Spread Spectrum Technology
- Communicates to L&J Engineering Field Equipment
- NEMA 4 or NEMA 7 (Explosion Proof) Housings Available

Specifications:

Local Power Source:

See Ordering Guide

Capacity:

50 Remote Gauges per MCG 5102.*

*Contact L&J regarding larger installations

Frequency Band:

900MHz or 2.402 - 2.478GHz
(No Site License Required)

Output Power:

400mw (2.4GHz), 1w (900MHz)

Range:

2 miles (2.4GHz), 5 miles (900MHz)

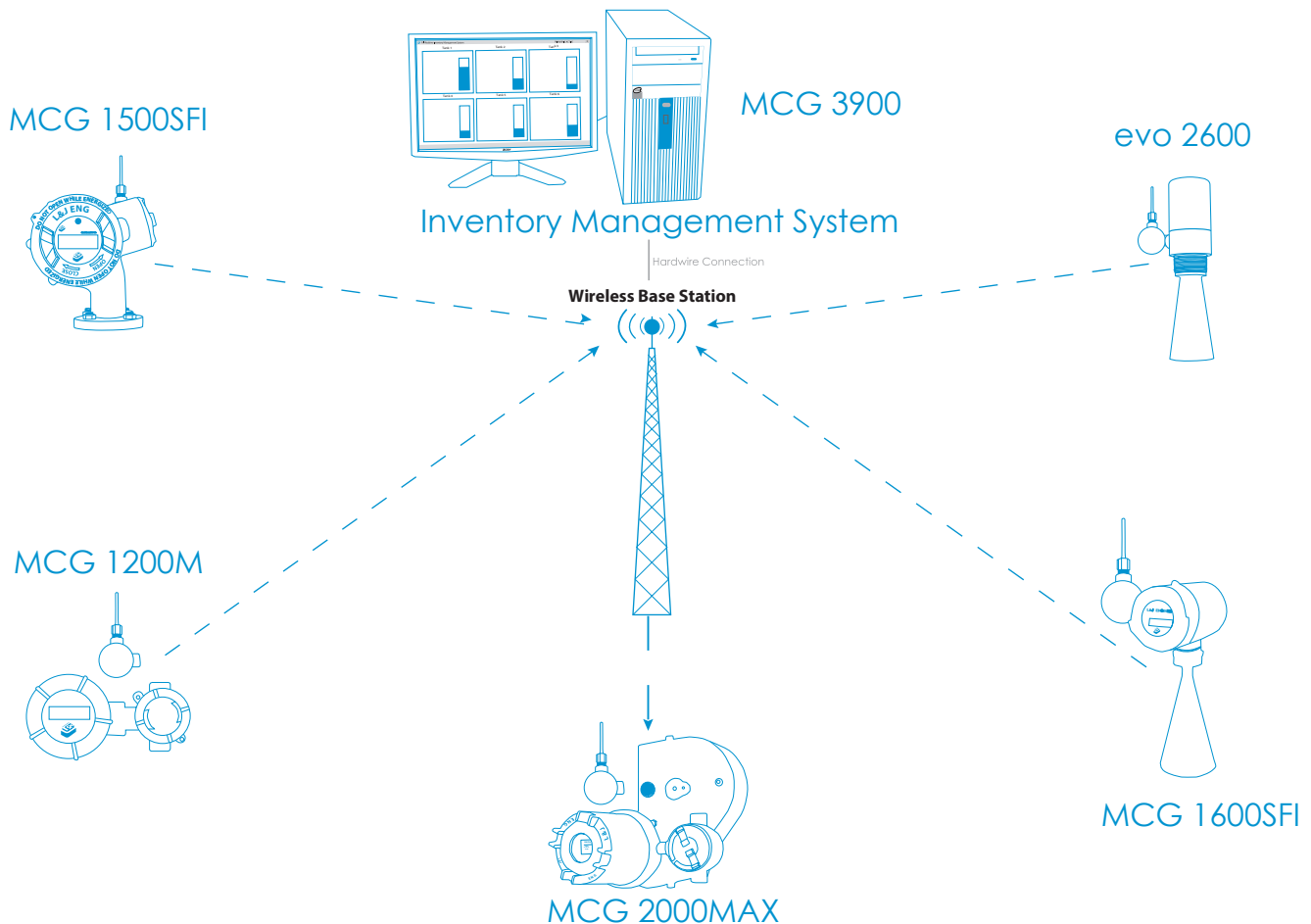
Approvals:

Complies with Part 15 of FCC rules

System Compatibility:

MCG 3630 Touch Panel Tank Monitor
MCG 3900 Inventory Management System
MCG 7030 Touch Panel Alarm Monitor

Typical System Layout



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

MCG 5102 Ordering Guide

MCG 5102 Wireless Base Station

NOTE: Base Station can handle up to 50 Remote devices

Model Number Selection:

The model number will consist of a base number **MCG 5102** followed by 6 digits.

MCG 5102 - AB - CD - E - F

AB - Antenna	
10	3 DB Gain Omni
20	Directional

CD - Power Source	
02	110VAC
03	24VAC
04	220VAC

E - Communication Port Type	
1	RS-232
2	USB
4	RS-485

F - Enclosure Type	
1	NEMA 7 (Explosion Proof)
2	NEMA 4