



**Toll Free: 888-905-1892**  
**www.waterlinecontrols.com**  
Email: [info@waterlinecontrols.com](mailto:info@waterlinecontrols.com)

**NEW MORE RELIABLE TECHNOLOGY by Waterline Controls® FOR SPECIFYING ENGINEERS WITH A TESTED & PROVEN TRACK RECORD in MRO APPLICATIONS for 10+ years.**

**Our controls can REPLACE ALL SENSOR & CONTROL TYPES in ALL water based applications.**

**We ARE NOT similar to float switches, capacitive, conductive, ultrasonic, or pressure transducers. We ARE more reliable, easy to operate, & last longer**

## **Benefits:**

- Permanently eliminate float switches
- Water quality does not matter
- Sensor will not plate, foul, or deteriorate
- Flexibility in design to meet any scenario
- High-voltage is not near water
- Little to no maintenance
- Never needs recalibration
- Stand-alone controls
- Connections for BMS, BAS, or fire panel
- Less than 1% failure rate in the field
- Limited lifetime warranty
- Fully Commercialized

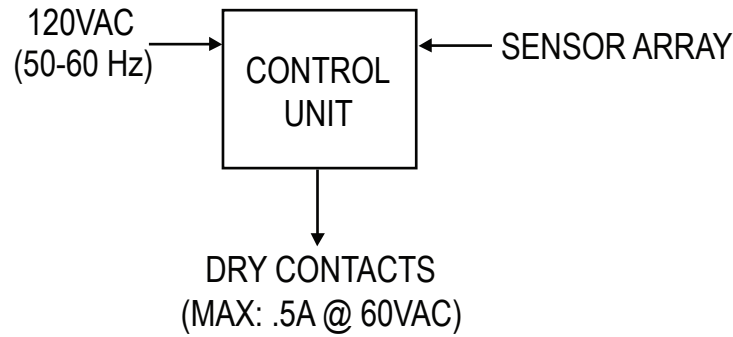
## **Features:**

- Dry contacts for BMS, BAS, or fire panel
- Intuitive LED indicators
- Optional temperature sensor controlled relay
- NEMA 4x control enclosure
- Controls can be mounted in equipment room w/ sensor wired remotely
- Intrinsically safe
- Color coded sensor rods & wires for intuitive installation
- Fully automated by microprocessor
- Push-button for relay test
- Only moving parts are replaceable relays
- Modular construction

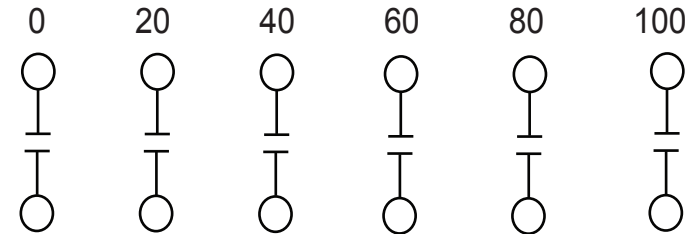
Waterline Controls  
P.O. Box 12544 Scottsdale, Arizona 85260  
Toll Free: 888-905-1892  
Email: [info@waterlinecontrols.com](mailto:info@waterlinecontrols.com)  
[www.waterlinecontrols.com](http://www.waterlinecontrols.com)



# SUBMITTAL & SPECIFICATIONS WLC LEVEL INDICATOR

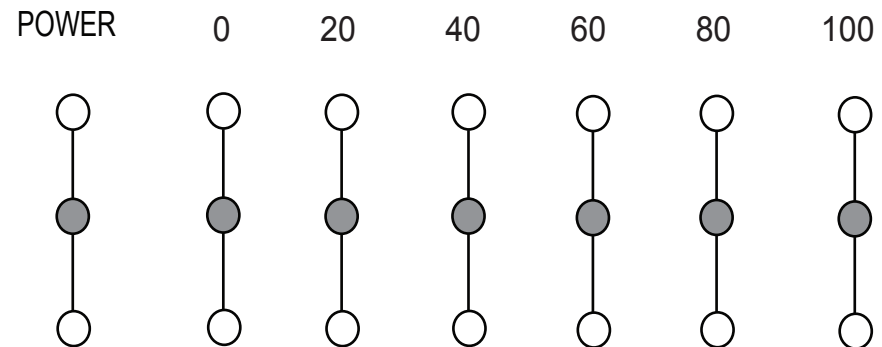


## DRY CONTACTS (MAX: .5A @ 60VAC)



## LED INDICATORS

(INTERNAL TO THE CONTROL UNIT)



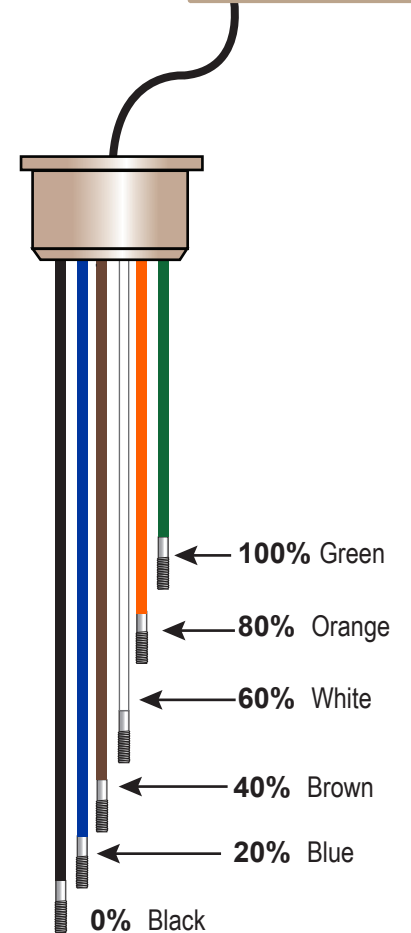
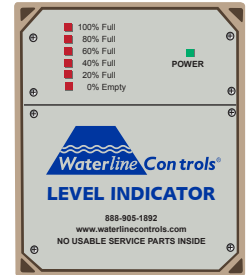
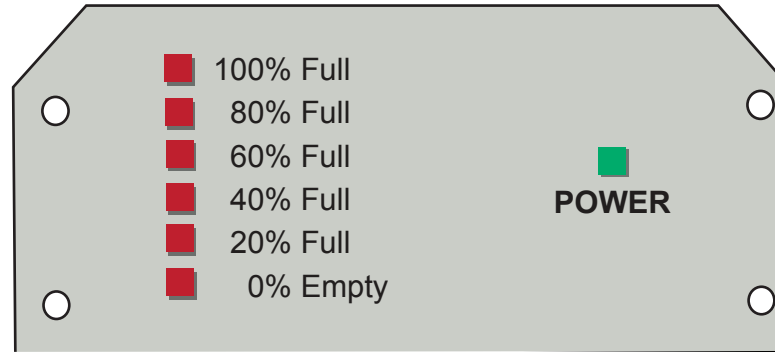
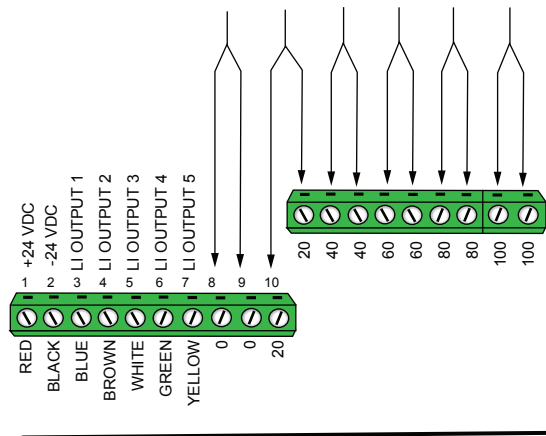
Waterline Controls  
 P.O. Box 12544 Scottsdale, Arizona 85260  
 Toll Free: 888-905-1892  
 Email: [info@waterlinecontrols.com](mailto:info@waterlinecontrols.com)  
[www.waterlinecontrols.com](http://www.waterlinecontrols.com)



# SUBMITTAL & SPECIFICATIONS WLC LEVEL INDICATOR

## FUNCTIONAL WIRING DIAGRAM OUTPUTS

**BUILDING AUTOMATION / FIRE PANEL  
LOW VOLTAGE DRY CONTACTS  
(MAX: .5A @ 60VAC)**



Waterline Controls  
P.O. Box 12544 Scottsdale, Arizona 85260  
Toll Free: 888-905-1892  
Email: [info@waterlinecontrols.com](mailto:info@waterlinecontrols.com)  
[www.waterlinecontrols.com](http://www.waterlinecontrols.com)

CUSTOMER
PO#
SO#
SHIP DATE
QUANTITY
PRODUCT
WIRE LENGTH (ft)

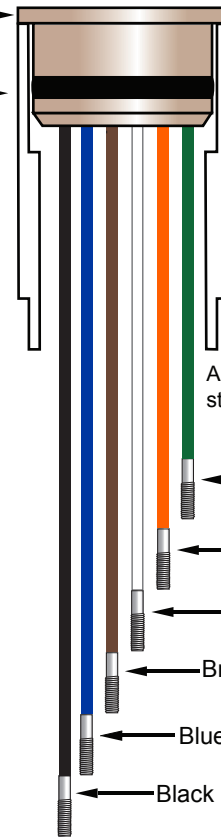
Sequence of Operation (SOO):

Six function sequence - shortest to longest rod length

- 1) When water level contacts GREEN rod, 100% LED indicator and 100% dry contact turn on. When water level falls below GREEN rod, LED indicator and dry contact turn off.
- 2) Function 1 is off. When water level contacts ORANGE rod, 80% LED indicator and 80% dry contact turn on. When water level falls below ORANGE rod, LED indicator and dry contact turn off.
- 3) Function 1 and 2 are off. When water level contacts WHITE rod, 60% LED indicator and 60% dry contact turn on. When water level falls below WHITE rod, LED indicator and dry contact turn off.
- 4) Function 1, 2, and 3 are off. When water level contacts BROWN rod, 40% LED indicator and 40% dry contact turn on. When water level falls below ORANGE rod, LED indicator and dry contact turn off.
- 5) Function 1 through 4 are off. When water level contacts BLUE rod, 20% LED indicator and 20% dry contact turn on. When water level falls below BROWN rod, LED indicator and dry contact turn off.
- 6) 2) Function 1 through 5 are off. When water level contacts BLACK rod, 0% LED indicator and 0% dry contact turn on. When water level falls below ORANGE rod, LED indicator and dry contact turn off.

3" Slip Plug (PVC)

3" Slip Fitting



All rods are stainless steel

Green (100%)

Orange (80%)

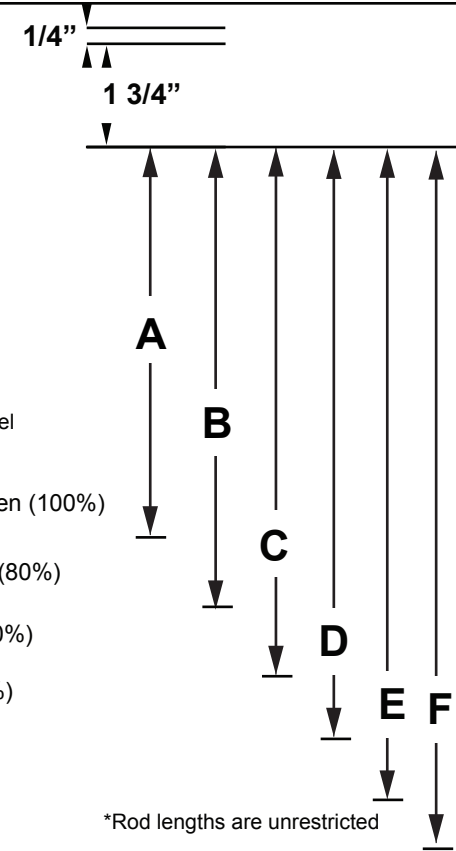
White (60%)

Brown (40%)

Blue (20%)

Black (0%)

All ends: 1/4 - 20 Threaded



\*Rod lengths are unrestricted

\*Dimensions should be calculated from the top of the tank or riser down to the required alarm level(s) in inches. Be sure to take into account any riser pipes or manway risers.

Waterline Controls, Inc.  
P.O. Box 12544  
Scottsdale, Arizona 85260  
Toll Free: 888-905-1892  
info@waterlinecontrols.com  
www.waterlinecontrols.com

SENSOR		REQUESTED LENGTH
Green	100%	A
Orange	80%	B
White	60%	C
Brown	40%	D
Blue	20%	E
Black	0%	F

Name:

Company:

Signature:

Date:

# Electronic Water Level Management Systems

## 5 Year Limited Warranty - *WaterLine* Controls®

The 5 Year Limited Warranty is extended to the original consumer purchaser of this *WaterLine* Controls manufactured by *WaterLine* Controls, Scottsdale, Arizona. *WaterLine* Controls warrants the unit, including the parts and components thereof, to be free of defects in material and workmanship under normal use and service conditions. This warranty does not cover plumbing or normal replacement items and parts, including gaskets and O-rings. *WaterLine* Controls does not cover improper installation of the unit or its parts. If you have any questions regarding the installation of your *WaterLine* Controls unit, please feel free to contact us. Be sure to include the serial number of your unit.

The 5 Year Limited Warranty commences on the date of installation. Parts discovered to have manufacturing defects within 1 Year of installation shall be replaced at no charge to the original consumer. Defects discovered after one year and up to the fifth year following the installation, shall be replaced at a fee of \$275.00 per item. *WaterLine* Controls will repair or replace, at its option, a unit or part proved to be defective within the warranty period and under the conditions of this 5 Year Limited Warranty.

This 5 Year Limited Warranty does not apply if the failure is caused or contributed by any of the following: power failure or reduction of power supplied to the unit, unusual atmospheric conditions, improper handling, improper storage, winter freezing, abuse, improper installation, unsuitable application, lack of reasonable and necessary maintenance, natural disasters, or repairs/alterations made or attempted by other than *WaterLine* Controls or an Authorized Technician approved by *WaterLine* Controls.

The consumer must deliver or ship the unit or warranty parts freight prepaid to *WaterLine* Controls. Authorization to return an item to *WaterLine* Controls must be obtained from *WaterLine* Controls Customer Service Department at 888-905-1892. For further assistance with this process please contact the Customer Service Department. Be sure you insure your shipment against loss or damage in transit.

*WaterLine* Controls is not responsible for the cost of removal of the unit or parts of the unit, damages due to removal, or any other expenses incurred in shipping the unit or parts to or from *WaterLine* Controls or its closest Authorized Service Center or the installation of the repaired or replaced unit. The consumer must bear these expenses.

THIS 5 YEAR LIMITED WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL SUCH OTHER WARRANTIES ARE DISCLAIMED EXCEPT TO THE EXTENT ANY IMPLIED WARRANTY MAY BE IMPOSED BY STATE CONSUMER LAW. ANY SUCH IMPLIED WARRANTY IMPOSED BY STATE CONSUMER LAW IS LIMITED IN DURATION TO ONE (1) YEAR FROM THE DATE OF INSTALLATION. IN NO EVENT SHALL WATERLINE CONTROLS BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OR ANY NATURE OR KIND OR FOR DAMAGES TO PERSONS OR PROPERTY, INCLUDING ANY DAMAGE RESULTING FROM THE USE OF THE UNIT WITH A SUBSTANDARD WATER CIRCULATION OR SUPPLY SYSTEM.

Some states do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations may not apply to you.

This limited warranty is valid only in the United States of America and Canada.

*WaterLine* Controls • PO Box 12544 Scottsdale • Arizona 85260

Phone: 888-905-1892 Email: [info@waterlinecontrols.com](mailto:info@waterlinecontrols.com)

© SDI 2019