

EZ Series® In-Site® CL Bluetooth® Single Phase Duplex

Single phase, duplex demand dose C-Level™ sensor controlled system for pump control and system monitoring via a Bluetooth® wireless connection.

The EZ Series® In-Site® CL duplex control panel is designed to control two (alternating) 120, 208, 240 VAC single phase pumps in water and sewage installations. The alternating action equalizes pump wear. In addition to the alternating pump control, this system provides override control should either pump fail.

The panel configuration can easily be converted in the field to either a timed dose or demand dose using a tablet or smartphone. All system data including pump run times, pump cycles, alarm conditions, power outages, and more can be downloaded to the same mobile device using the exclusive EZ Connect Mobile app. Data reports make diagnosing system conditions easy. The EZ Connect Mobile App is available for Android 4 or newer and iOS 9 or newer operating systems (recommended Android devices include the Samsung S® 5 smart phone and the Nexus™ 7 tablet).

The optional post models include an access door. The post can be mounted in the ground directly, over a 4X4, or conduit.

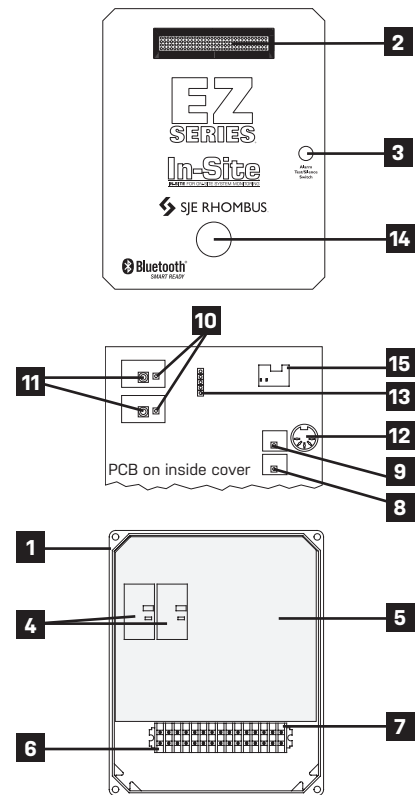
The C-Level™ sensor is a pressure transducer that senses the liquid level in the tank and sends a signal to the EZ Series® In-Site® panel. C-Level™ CL40 sensor operating range is 3-39.9 inches (7.6-101.3 cm). C-Level™ CL100 operating range is 3-99.5 inches (7.6-252.7 cm).

PANEL COMPONENTS

1. **Enclosure** base measures 10 X 8 X 6 inches (25.4 X 20.32 X 15.24 cm). NEMA 4X (ultraviolet stabilized thermoplastic with removable mounting feet for outdoor or indoor use). Includes locking latch as standard.
2. **Red Alarm Beacon** provides visual check of alarm condition.
3. **Exterior Alarm Test/Silence Switch** allows horn and light to be tested and horn to be silenced in an alarm condition. Alarm automatically resets once alarm condition is cleared.
4. **Circuit Breakers** provide pump power disconnect and branch circuit protection.
5. **Safety Cover** with touch safe design.
6. **C-Level™ Sensor/Float Connection Terminal Block**
7. **Incoming Control/Alarm Power & Pump Power Terminal Block**
8. **Control Power Indicator** light illuminates if control power is present in panel.
9. **Alarm Power Indicator** light illuminates if alarm power is present in panel.
10. **Pump Run Indicators** illuminate when pumps are called to run.
11. **Pump Push to Run Switches**
12. **Modbus Port Connector**
13. **Tank Level Indicator**
14. **Alarm Horn** provides audio warning of alarm condition (83 to 85 decibel rating).
15. **Bluetooth® Wireless module**

NOTE: Wiring Diagram and Pump Specification Label are located inside the panel.

NOTE: Optional data cable (PN1032222) required to configure panel and download data to PC.



Model Shown
EZID1W114C3A4A6A10E24E30A

Reg. Cdn Pat. & TM Off

C-Level™ Sensor US Patent No. 8,336,385; 8,567,242; 8,650,949

FEATURES

- Entire control system is UL Listed to meet and/or exceed industry safety standards
- Dual safety certification for the United States and Canada
- Bluetooth® Wireless connection for easy configuration and data downloading to a smart mobile device
- Complete with step-by-step installation instructions
- Five-year limited warranty



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California Prop 65 requires the following: ⚠️ WARNING Cancer and Reproductive Harm - www.P65Warnings.ca.gov

SEE REVERSE SIDE FOR ORDERING INFORMATION.

SEE PRICE BOOK FOR LIST PRICE.

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EZI **D** **1** **W** **1** **4** **C** **3A 4A 6A 10E30A**

MODEL EZI

MODEL TYPE
D = Duplex

ALARM PACKAGE
1 = alarm package (includes test/normal/silence switch, fuse, red light & horn)

ENCLOSURE RATING
W = NEMA 4X

STARTING DEVICE
1 = 120/208/240 VAC

PUMP FULL LOAD AMPS
0 = 0-7 FLA
1 = 7-15 FLA
2 = 15-20 FLA

PUMP DISCONNECTS
4 = circuit breaker

SWITCH APPLICATIONS
C = C-Level™ sensor (must choose 24 or 29 option)

Note: Pump down applications only.

Industry practices suggest that a secondary device, such as a float switch, be used for redundant activation of the high level alarm and pump shut off.

OPTIONS *Listed below*

CODE DESCRIPTION

- 3A Alarm Flasher (included as standard)
- 3E High water alarm float (must select 17 option)
- 4A Redundant off (included as standard)
- 4D Redundant off float
(must select 4A option) (must select 17 option)
- 6A Auxiliary alarm contact, Form A (included as standard)
- 10E Lockable latch - NEMA 4X (included as standard)
- 10P Mounting post (factory installed with 2.5" cord seal)
- 16A 10' cord in lieu of 20' (per float)
- 16B 15' cord in lieu of 20' (per float)
- 16C 30' cord in lieu of 20' (per float)
- 16D 40' cord in lieu of 20' (per float)

CODE DESCRIPTION

- 17C Sensor Float® / internally weighted ▲ (per float)
- 17D Sensor Float® / externally weighted ▲ (per float)
- 17G SJE MilliAmpMaster™/ pipe clamp ● (per float)
- 17H SJE MilliAmpMaster™/ externally weighted ● (per float)
- 17J Sensor Float® / pipe clamp ▲ (per float)
- 22G 2 1/2" hub installed with 6 hole cord seal
- 24E C-Level™ CL40 sensor with 4' vent tube and 20' cord
- 24F C-Level™ CL40 sensor with 4' vent tube and 40' cord
- 24G C-Level™ CL40 sensor with 8' vent tube and 20' cord
- 24H C-Level™ CL40 sensor with 8' vent tube and 40' cord
- 24X No C-Level™ CL40 sensor
- 29A C-Level™ CL100 sensor w/10' vent tube & 20' cord
- 29B C-Level™ CL100 sensor w/10' vent tube & 40' cord
- 29X No C-Level™ CL100 sensor
- 30A Bluetooth® Wireless Module

ALSO AVAILABLE

1032222 - EZ Series® Insite® CL data connection cable Contact SJE Rhombus® Customer Service Department for price.

● Mechanically-activated ▲ Mercury-activated