

Electrical Warnings / Advertencias Eléctricas

Failure to follow these precautions could result in serious injury or death. Replace the float switch immediately if cable becomes damaged or severed. Keep these instructions with warranty after installation. This product must be installed in accordance with National Electric Code, ANSI/NFPA 70 so as to prevent moisture from entering or accumulating within boxes, conduit bodies, fittings, float housing, or cable.

⚠️ **WARNING**

ELECTRICAL SHOCK HAZARD
Disconnect power before installing or servicing this product. A qualified service person must install and service this product according to applicable electrical and plumbing codes.

⚠️ **WARNING**

EXPLOSION OR FIRE HAZARD
Do not use this product with flammable liquids. Do not install in hazardous locations as defined by National Electrical Code, ANSI/NFPA 70.

No obedecer estas precauciones podría resultar en lesiones serias o mortales. Reemplace el interruptor de flotador de inmediato si el cable está dañado o partido. Después de la instalación, guardar estas instrucciones junto con la garantía. Este producto debe ser instalado siguiendo el Código Eléctrico Nacional de EE.UU., ANSI/NFPA 70, para evitar la entrada o acumulación de humedad en cajas de conexión, conductos, acoples, carcasa del interruptor (flotador) o el cable.

⚠️ **ADVERTENCIA**

RIESGO DE CHOQUE ELÉCTRICO
Desconecte el cable de alimentación antes de instalar este producto o de hacerle mantenimiento. La instalación y el mantenimiento de este producto deben ser efectuados por personal idóneo siguiendo las normas aplicables en cuanto a instalaciones eléctricas y plomería.

⚠️ **ADVERTENCIA**

RIESGO DE INCENDIO O EXPLOSIÓN
No utilice este producto con líquidos inflamables. No lo instale en lugares peligrosos definidos como tales en el Código Eléctrico Nacional de Estados Unidos, ANSI/NFPA 70.

Wiring Diagram

BEACON

PRINTED CIRCUIT ASSEMBLY

INCOMING POWER

L

N

NO CONNECTION

NO CONNECTION

ALARM

BACKUP BATTERY

+

-

ALARM AUX

NC

C

NO

HORN

GROUND LUG

TORQUE: 5 IN-LBS

120 VAC ALARM INCOMING POWER

ALARM FLOAT SWITCH

BATTERY BACKUP 12VDC

AUXILIARY ALARM CONTACTS (120V, 1A MAX.)

TORQUE: 45 IN-LBS

MAIN DISCONNECT AND OVERCURRENT PROTECTION OF INCOMING FEEDER CIRCUIT PROVIDED BY OTHERS.

TEMPERATURE RATING OF FIELD INSTALLED CONDUCTORS MUST BE AT LEAST 140 DEG. F (60 DEG. C).

TERMINAL STRIPS AND GROUND LUGS USE COPPER CONDUCTORS ONLY.

DASHED LINES REPRESENT FIELD WIRING.

Note: Standard alarm comes with pre-wired power cord and float switch.

CSI CONTROLS® FIVE-YEAR LIMITED WARRANTY

Five-Year Limited Warranty.

For complete terms and conditions, please visit [www.csicontrols.com](#).

GARANTÍA LIMITADA DE CINCO AÑOS DE CSI CONTROLS®

Cinco años de garantía limitada.

Para consultar los términos y condiciones, visite el portal [www.csicontrols.com](#).

Items Needed / Elementos Necesarios

Included with CSION® 4X Alarm
Viene con la alarma CSION® 4X Alarm

A

Included with Optional Float Switch
Viene con el interruptor de flotador opcional

B

C

D

Not included
No incluido

E

F

G

Specifications
Especificaciones

Voltage	120 VAC Model Primary: 120 VAC, 50/60 Hz, 2.4 watts max. (alarm condition) Secondary: 12 VDC	Voltaje	Modelo de 120 V CA Primario: 120 V CA, 50/60 Hz, 2.4 watts máx. (estado de alarma) Secundario: 12 V CC
Enclosure	Indoor/Outdoor	Gabinete	Interior/Exterior

CSION® 4X
Alarm / Alarma

Installation Instructions / Instrucciones de instalación

English

This alarm system monitors liquid levels in lift pump chambers, sump pump basins, holding tanks, sewage, agricultural, and other water applications.

The CSION® 4X indoor/outdoor alarm system can sere as a high or low level alarm depending on the float switch model used. The alarm horn sounds when a potentially threatening liquid level condition occurs. The horn can be silenced, but the alarm beacon remains active until the condition is remedied. Once the condition is cleared, the alarm will automatically reset.

CSI Controls®

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Technical Support Hours: Monday - Friday, 7 A.M. to 6 P.M. Central Time

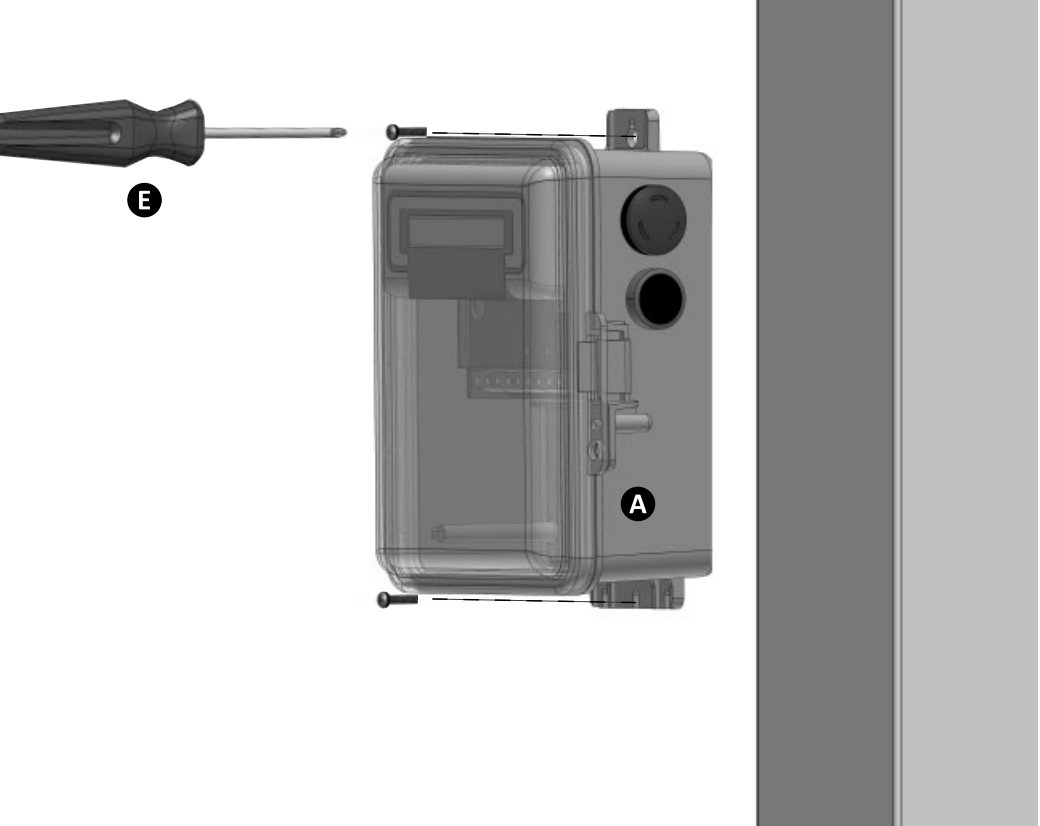
Soporte técnico, Horario: lunes a viernes, 7 A.M. a 6 P.M. hora del Centro

PN 1077326A - 05/23

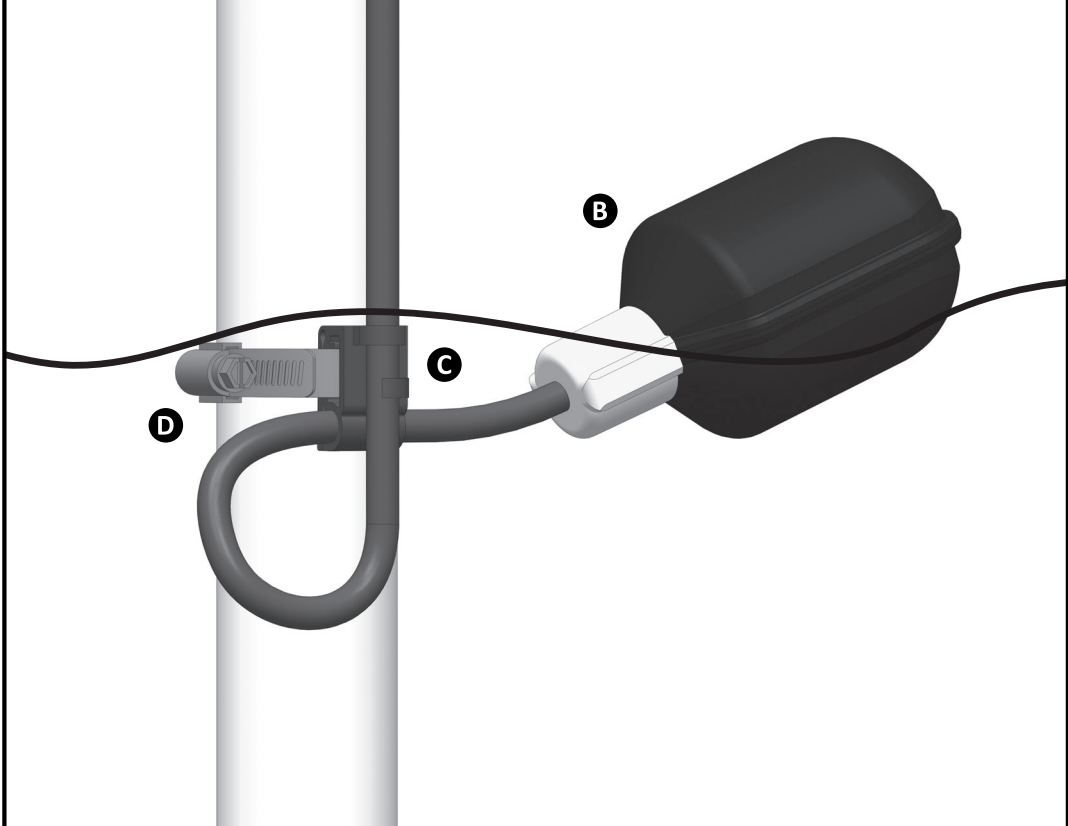
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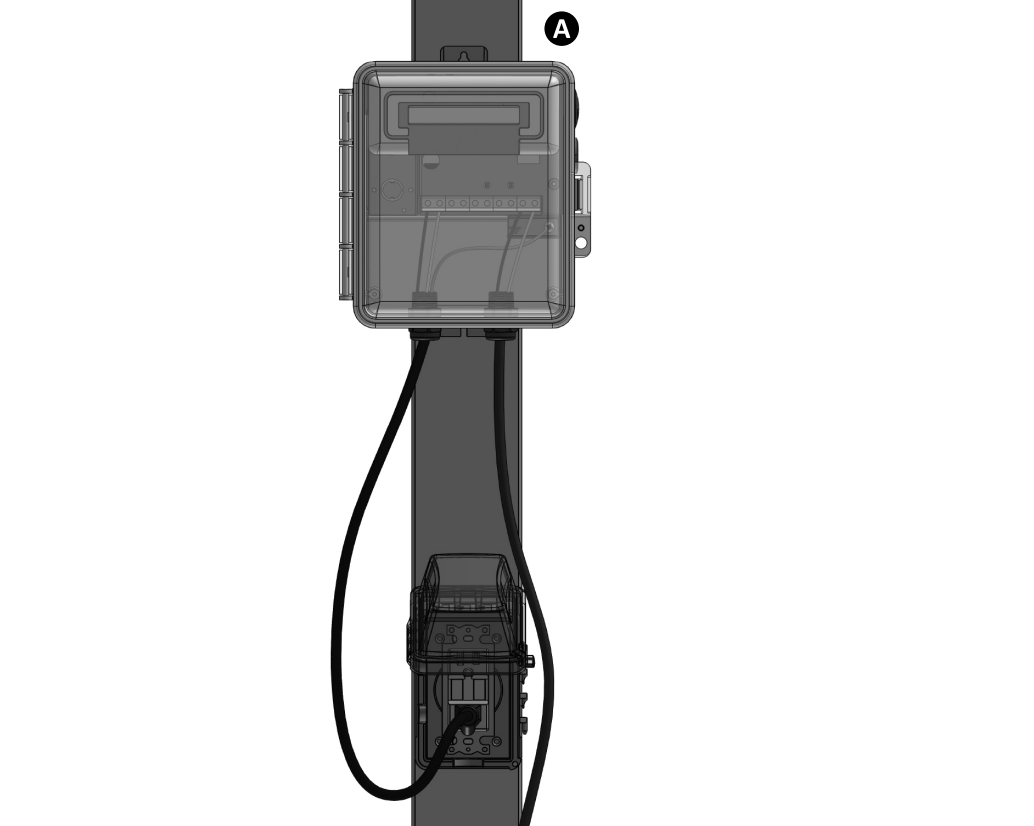
1 Mount the alarm enclosure using existing upper and lower mounting tabs.



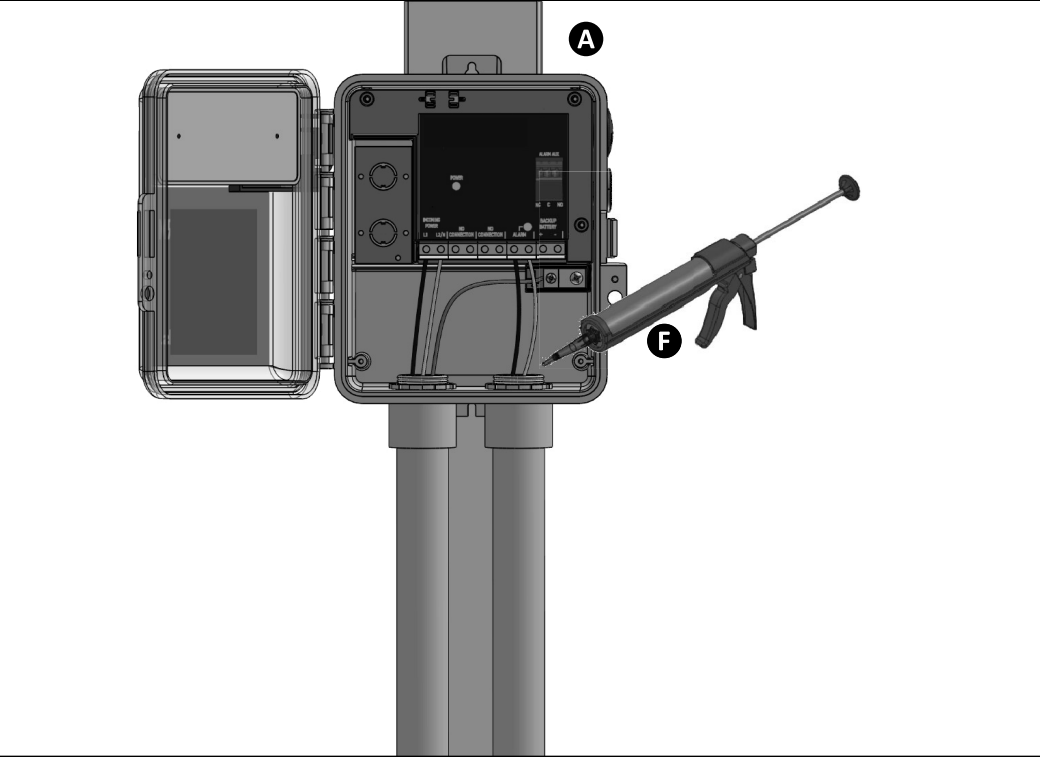
2 Install float switch at desired activation level.



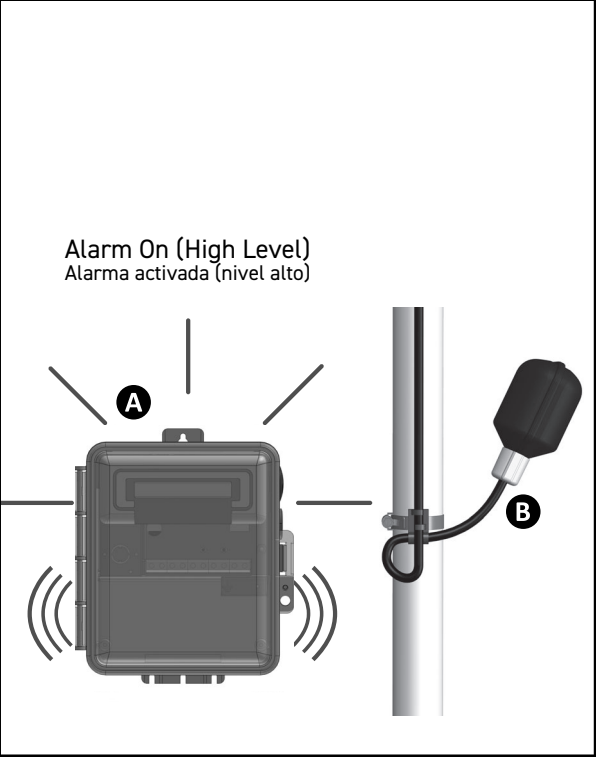
3a Installation with standard pre-wired power cord and pre-wired float switch:
Plug the 120 VAC power cord into a 120 VAC receptacle on a separate branch circuit from the pump circuit to ensure proper notification.



3b Installation with conduit installed:
Bring float switch and power cable through conduit and wire to 10 position terminal block. Connect ground wire to ground termination post.
NOTE: Seal conduit to prevent moisture or gas from entering enclosure.



4 Restore power and check alarm operation after installation (high level application shown).



5 Test alarm weekly to insure proper operation.

