# T S EC-EASYWIRE4CC Checkpoint Easywire Connector Cable Instruction Manual

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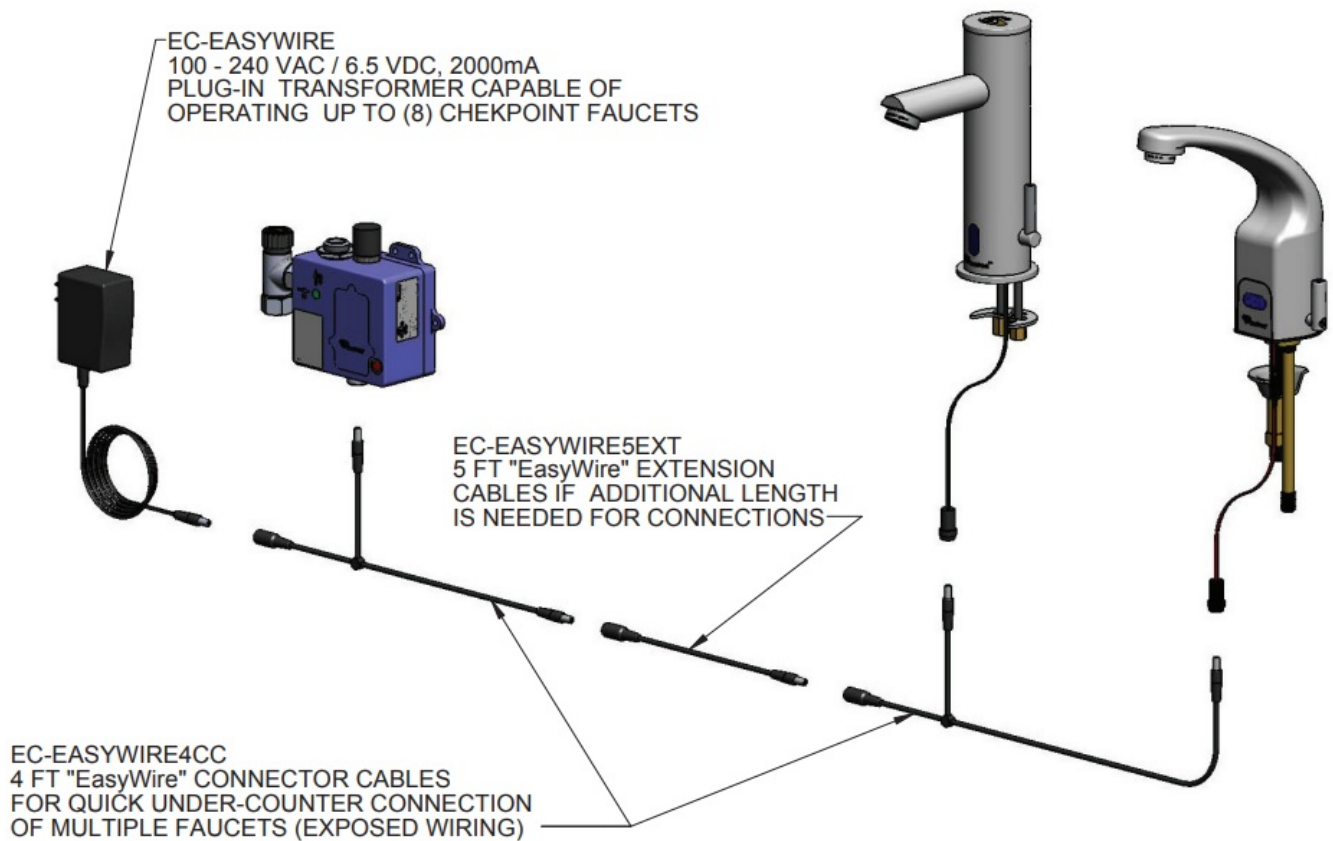
**Contents**

## Installation Instructions

1. The EC-EASYWIRE kit along with multiple numbers of the EC-EASYWIRE4CC may be used to easily connect and gang up to 8 of any of the ChekPoint electronic sensor faucet.

EC-EASYWIRE
100 - 240 VAC / 6.5 VDC, 2000mA
PLUG-IN TRANSFORMER CAPABLE OF
OPERATING UP TO (8) CHEKPOINT FAUCETS

EC-EASYWIRE5EXT
5 FT "EasyWire" EXTENSION
CABLES IF ADDITIONAL LENGTH
IS NEEDED FOR CONNECTIONS

EC-EASYWIRE4CC
4 FT "EasyWire" CONNECTOR CABLES
FOR QUICK UNDER-COUNTER CONNECTION
OF MULTIPLE FAUCETS (EXPOSED WIRING)

2. The EC-EASYWIRE kit consists of a 100-240 VAC transformer with a 76" long power cord which plugs into a standard wall outlet **(Figure 1).**

PROTECTIVE RUBBER CAP

ATTACHES TO CONNECTION PO
ON
CHEKPOINT SENSOR FAUCET
CONTROL MODULE
AND "EasyWire" CONNECTOR AN
EXTENSION CABLES

76" ±5" [1930mm] LONG
POWER CORD

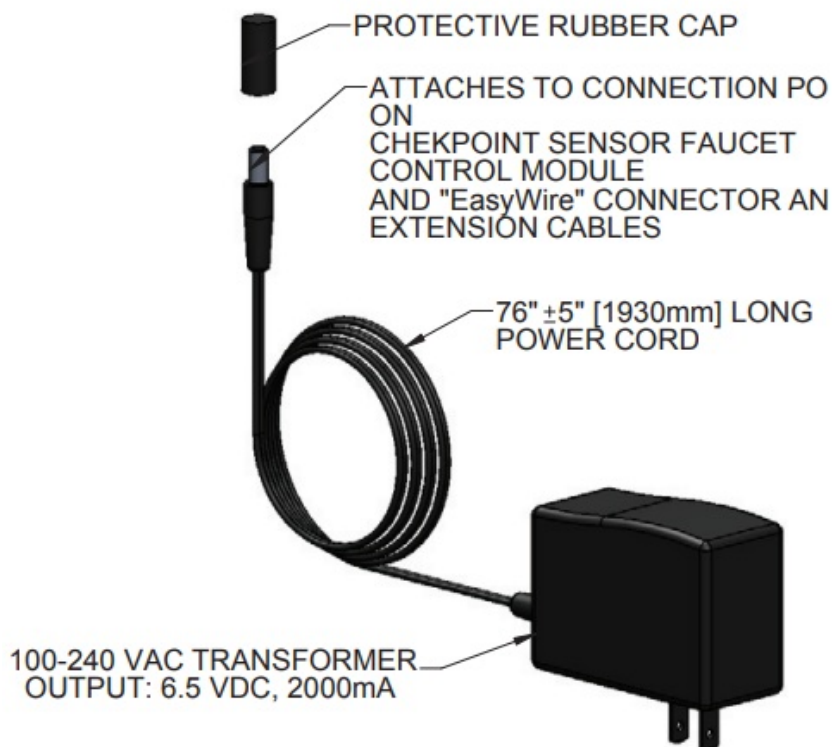100-240 VAC TRANSFORMER
OUTPUT: 6.5 VDC, 2000mA

# Figure 1

3. The EC-EASYWIRE4CC kit consists of a 48" long power cord with 2 male connectors and one female

connector used to make the connections as noted in the diagram in **Figure 2.** In utilizing the EASYWIRE method, multiple ECEASYWIRE4CC (ordered separately from the EC-EASYWIRE) must be used to connect and gang the ChekPoint electronic sensor faucets. The multiple number of EC-EASYWIRE4CC needed is one less than the number of ChekPoint faucets.

Female Plug Connects to ChekPoint EasyWire AC Transformer or Other ChekPoint EasyWire Connector Cables

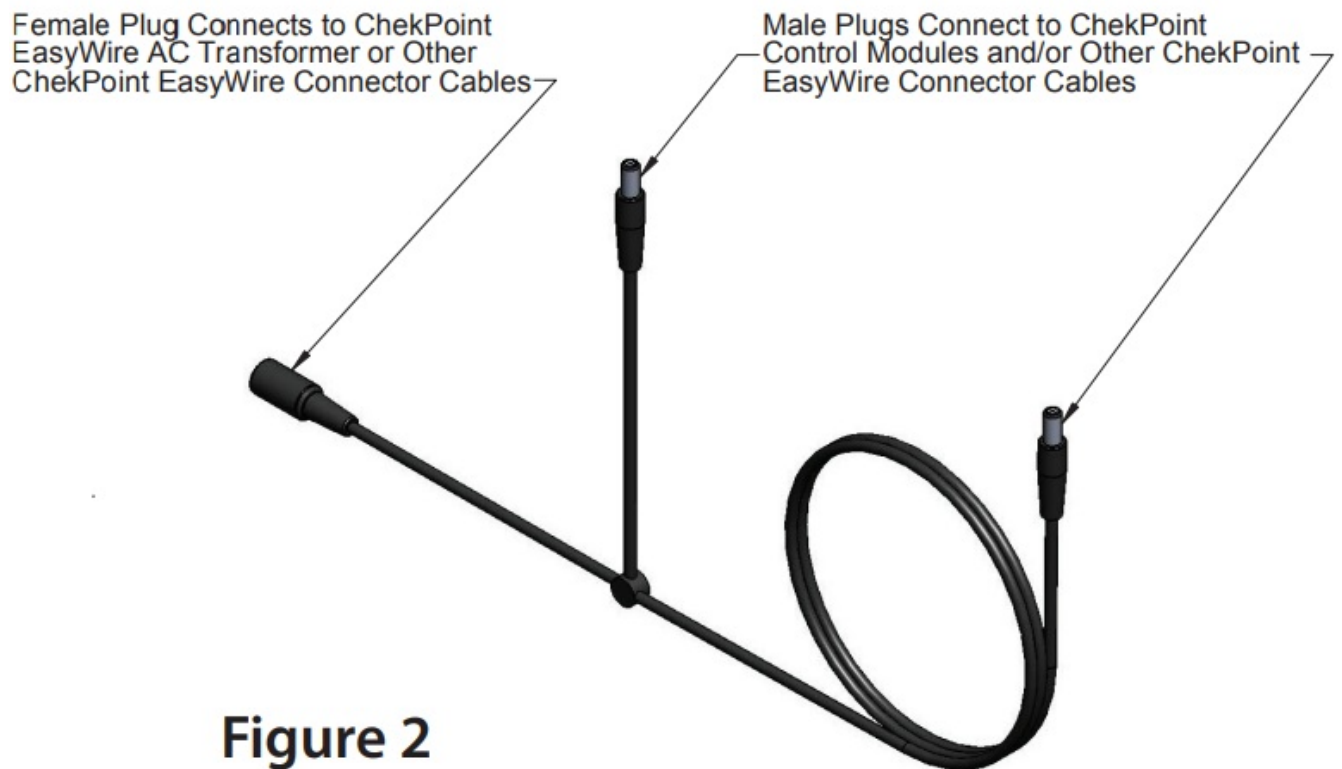Male Plugs Connect to ChekPoint Control Modules and/or Other ChekPoint EasyWire Connector Cables

## Figure 2

For example, if you are ganging eight (8) ChekPoint faucets together, you will need to order seven (7) of the EC-EASYWIRE4CC and one (1) EC-EASYWIRE. All ChekPoint models are able to be installed using the EASYWIRE method.

4. The EC-EASYWIRE5EXT kit is a 60" extension which can be used in between the multiple EC-EASYWIRE4CC and also the controllers **(Figure 3).**
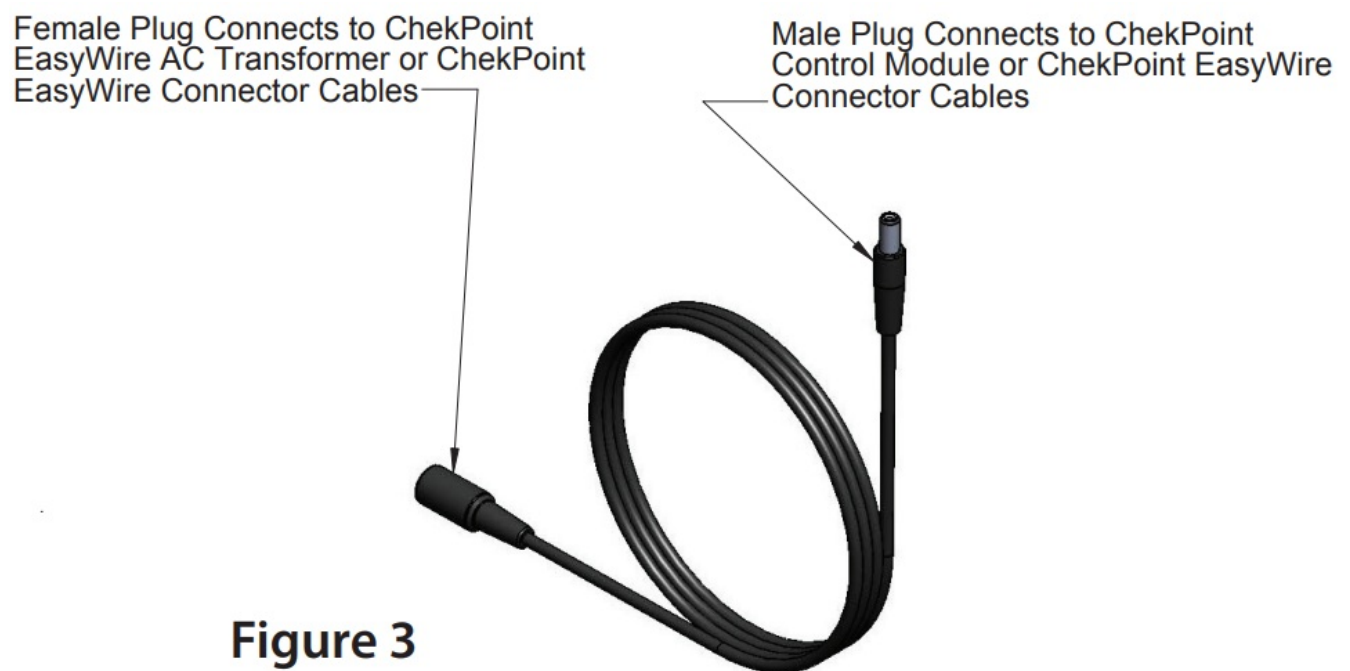
Female Plug Connects to ChekPoint EasyWire AC Transformer or ChekPoint EasyWire Connector Cables

Male Plug Connects to ChekPoint Control Module or ChekPoint EasyWire Connector Cables

## Figure 3

**SENSOR RANGE SETUP**

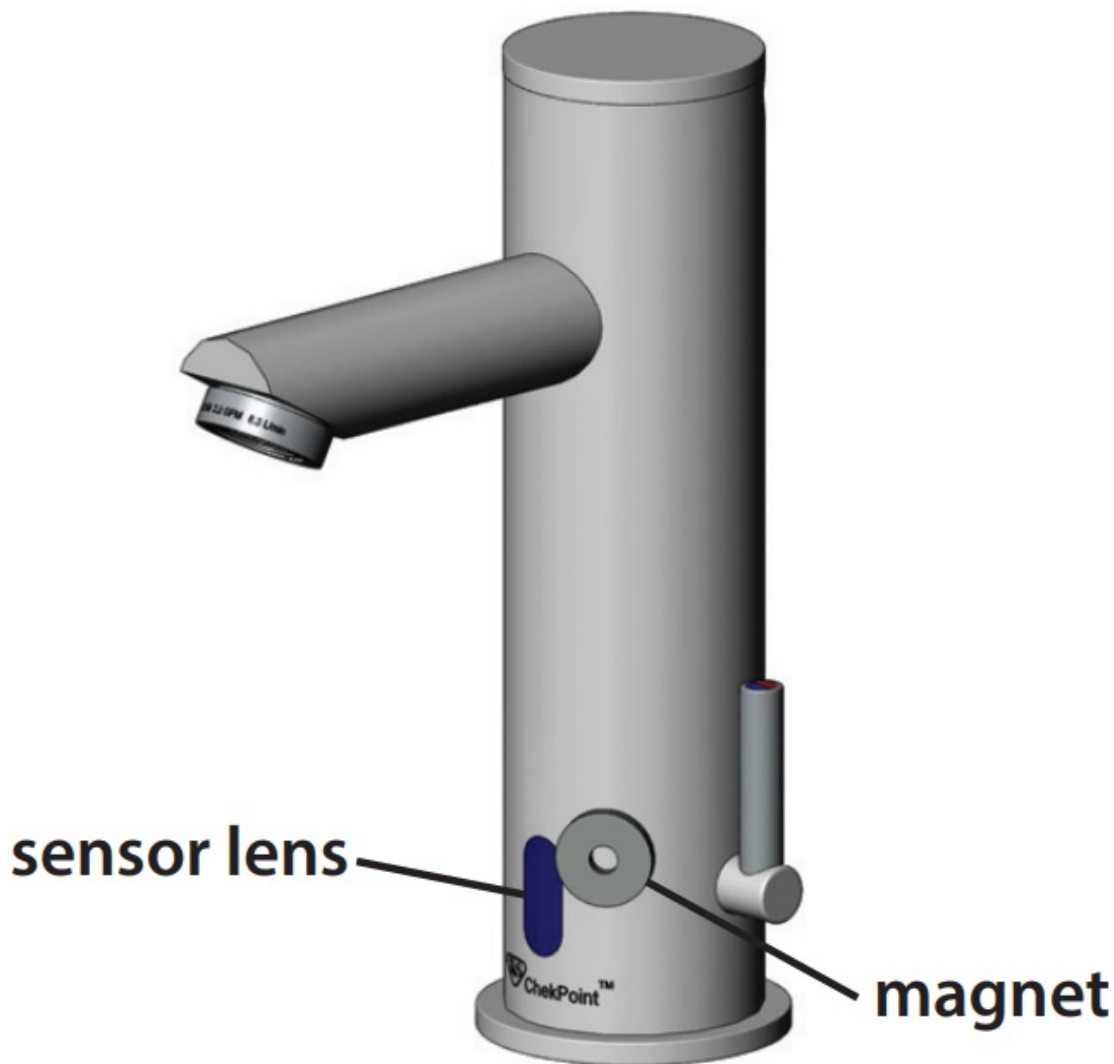**Models with blue below deck control modules**

The sensor range is preset at the factory during assembly but can be further adjusted by using the steps below.

1. The sensing distance is adjustable from ¾" (2cm) to 6 11/16" (17cm). If there is a disruption in power, the sensor range is saved and will revert to the last setting when power is restored.
2. The faucet sensor range is set by simply using the on/off button on the front of the control module. Do not attempt to open the control module box.
3. Push and hold the on/off button; water will fl ow. After holding the button 5 to 7 seconds, the water fl ow will stop and the red LED in the sensor lens will turn on solid.
4.  Release the on/off button. The red LED will turn off signaling that the sensor is ready for set-up for the next 15 seconds.
5. Hold your hand still in front of the sensor at the desired sensor distance. The red LED will fl ash roughly 5 times then remain on for 2 seconds indicating the new range has been set.
6. If step 5 is not done within 15 seconds, the red LED will blink quickly then stop indicating the sensor range has NOT been changed. Start over at step 3 to change the sensor range

**EC-3122:**

The EC-3122 uses a digital infrared, distance adjustable sensor which has a default range set at the factory. Should this range need to be changed, follow the steps below. The sensing distance is adjustable from 3/4" (2cm) to 6 11/16" (17cm).

1. Shut off the water at the hot and cold supply stops.
2. Place the magnet provided to the upper right side of the sensor lens and move it closer to the lens.
3. Hold the magnet in place for 3 to 5 seconds. The red sensor LED will come on for set-up mode.
4. Remove the magnet and the sensor LED will go out.
5. Place a hand to the desired sensor range, hold in place and the LED will light up. (The recommended sensor range is 3/8" [1 cm] in front of the spout).
6. Place the magnet to the right side of the sensor lens and move it closer to the lens until it starts blinking 5 times.
7. Remove your hand and magnet from the sensor area.
8. Turn on the water at the hot and cold supply stops.
9. Move a hand into the range set in step 5 which will activate the sensor (the LED will blink once) and water will begin to fl ow.
10. If after removing your hand from the sensor range, the water continues to fl ow for longer than 2 seconds, then the sensor range will need to be reset to a shorter distance.
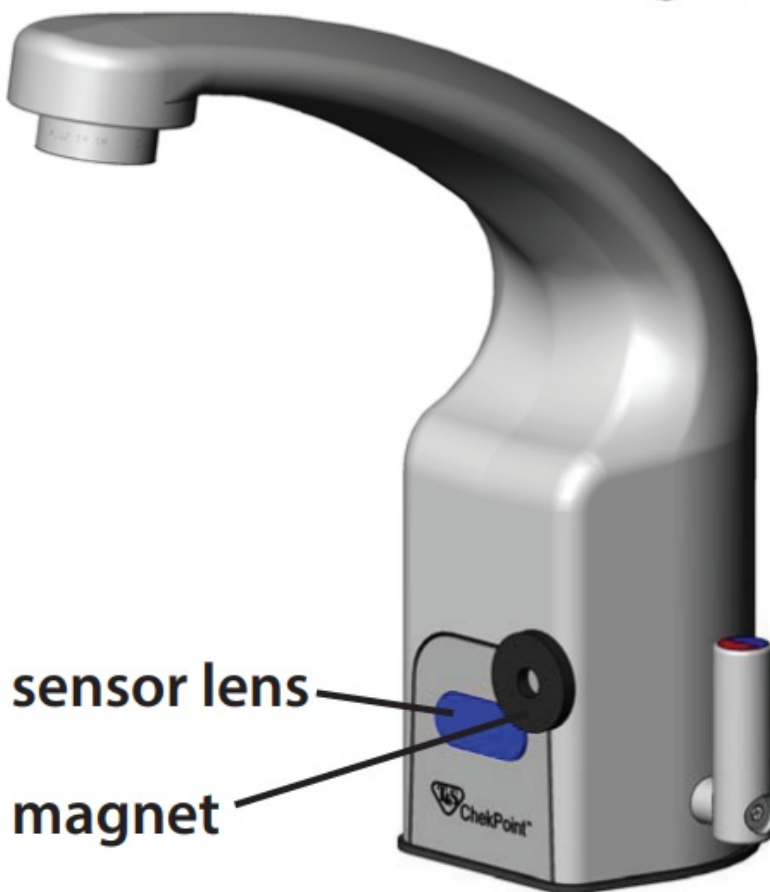
sensor lens

magnet

**EC-3130 & EC-3132:**

The EC-3130 and EC-3132 faucets have an adjustable sensor with a default range set at the factory. Should this range need to be changed, follow the steps below and refer to Figure 4. The sensing distance is adjustable from 3/4" (2cm) to 6 11/16" (17cm).

1. Place the magnet provided on the upper right corner of the sensor for 5 seconds. When the magnet is in place the solenoid will open.
2. After 5 seconds when the solenoid closes and the LED turns on, remove the magnet.
3. The LED will turn off indicating the sensor is now in set-up mode. Note: the sensor will remain in set up mode for approximately 15 seconds. Then the LED will fl ash 3 times before the sensor range returns to its previous setting.
4. While in set-up mode, hold your hand at the desired distance from the sensor for 3 seconds. The LED will blink.
5. After the 3 seconds, the blinking LED will stay on for a few seconds then turn off .
6. When the LED turns off , the new range setting is saved
7. Even if the faucet loses power such as when the battery is replaced, the setting saved above will be kept

# Figure 4



sensor lens

magnet

**Limited Three Year Warranty**

T&S warrants to the original purchaser (other than for purposes of resale) that such product is free from defects in material and workmanship for a period of three (3) years from the date of purchase. During this three-year warranty period, if the product is found to be defective, T&S shall, at its options, repair and/or replace it. To obtain warranty service, products must be returned to.

T&S Brass and Bronze Works, Inc.
Attn: Warranty Repair Department
2 Saddleback Cove
Travelers Rest, SC 29690

Shipping, freight, insurance, and other transportation charges of the product to T&S and the return of repaired or replaced product to the purchaser are the responsibility of the purchaser. Repair and/or replacement shall be made within a reasonable time after receipt by T&S of the returned product. This warranty does not cover Items which have received secondary fi nishing or have been altered or modifi ed after purchase, or for defects caused by physical abuse to or misuse of the product, or shipment of the products.

Any express warranty not provided herein, and any remedy for Breach of Contract which might arise, is hereby excluded and disclaimed. Any implied warranties of merchantability or fi tness for a particular purpose are limited to three years in duration. Under no circumstances shall T&S be liable for loss of use or any special consequential costs, expenses or damages.

Some states do not allow limitations on how long and implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. Specifi c rights under this warranty and other rights vary from state to state.
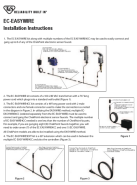
**Attention California Residents:**
**"WARNING:** This product contains chemicals known to the State of California to cause cancer, and birth defects or other reproductive harm."

## Support

## Documents / Resources

| | |
|---|---|
|  | **T S EC-EASYWIRE4CC Checkpoint Easywire Connector Cable** [pdf] Instruction Manual EC-EASYWIRE4CC, Checkpoint Easywire Connector Cable, EC-EASYWIRE4CC Checkpoint Easywire Connector Cable |

## References

-  **tsbrass.com**

**Manuals+**,