

## 59481 enMotion® Impulse™ 8 Central Transformer AC Power Kit Installation Instructions

Kit includes (1) each:

- Battery Box Power Adapter
- Wire Harness

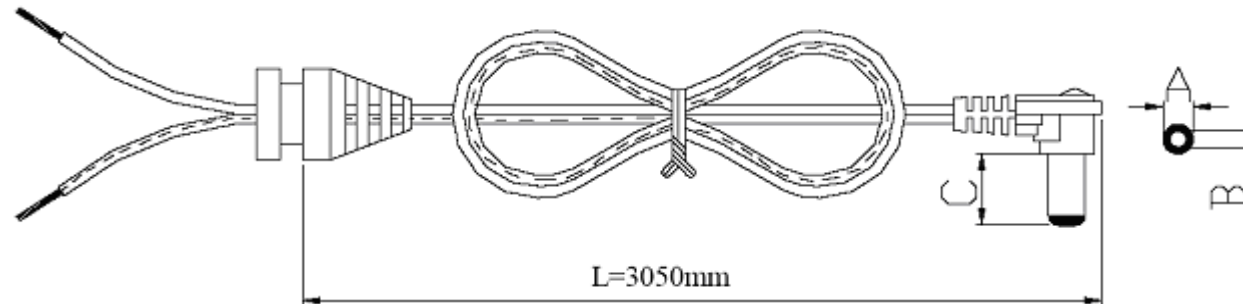
### 24V AC Transformer (Not Included)

A 24 Volt AC transformer should be used. One dispenser will run off of approximately 10 Volt-Amps of power, so one transformer may be used for more than one dispenser. Consult a licensed electrical contractor for the installation of the transformer into the junction box. Georgia-Pacific Corporation recommends using a UL listed, 24 Volt transformer with at least 10 Volt-Amps of power per dispenser.

**NOTICE: You must use an electrically isolated transformer. A switching power supply will NOT WORK in this application due to the way the enMotion dispenser's electrical system is connected to the power supply.**

The power supply output cord is intended to route through the mounting wall of the dispenser. This is a low voltage, energy limited circuit, similar to those used for thermostats, telephones, security systems, or doorbells. In these applications, there is no requirement for an electrical box or strain relief where the wire exits the wall.

### WIRING HARNESS



Output Plug:  $A=5.5^{\pm 0.1}$  ,  $B=2.1^{\pm 0.1}$  ,  $C=10^{\pm 1.0}$  L-D

Output Cord: 24#AWG x 2C; L=3050mm

TYPE: ◆ Flexible cord   UL2468 VW-1   XT-WIRE   SPT-1 60°C

## INSTRUCTIONS

1. Locate an existing 24V AC electrically isolated transformer or install a new one. An existing 24V AC power supply may already be used to power automatic faucets or flushers. A switching power supply is NOT an approved device.
2. Locate and drill the dispenser mounting holes in the wall. Temporarily mount the dispenser.
3. Remove the batteries from the dispenser and mark the location of the Power Cord access hole on the wall.
4. Remove the dispenser from the wall and drill a  $\frac{3}{4}$ " diameter access hole in the wall.
5. Connect terminals to the wire harness using twist wire connectors secured with electrical tape or by crimping spade connectors onto wire harness leads.
6. Feed the plug of the wire harness down the inside of the wall to the  $\frac{3}{4}$ " hole and pull approximately 9" of the cord through the access hole in the wall. A long nose pliers may be required. See Figure 1.
7. Route the wire through the hole in the rear of the dispenser.
8. Finish mounting the dispenser per the installation instructions.
9. Connect the wiring harness plug to the mating, polarized receptacle on the Battery Box Adapter. Feed excess cable back into the wall. See Figure 2.
10. Install the battery box adapter into the battery compartment and close the battery compartment door. See Figure 3.
11. Test the power connection by pressing the paper feed button on the dispenser.
12. Finish dispenser set up per the operating instructions.

**Note:** Power at the dispenser can be disconnected either by pulling the Battery Box Adapter out of the battery box or by separating the wire harness from the Battery Box Adapter receptacle.

**If you have questions or problems, please call 1-866-HELLO GP (1-866-435-564t)**

