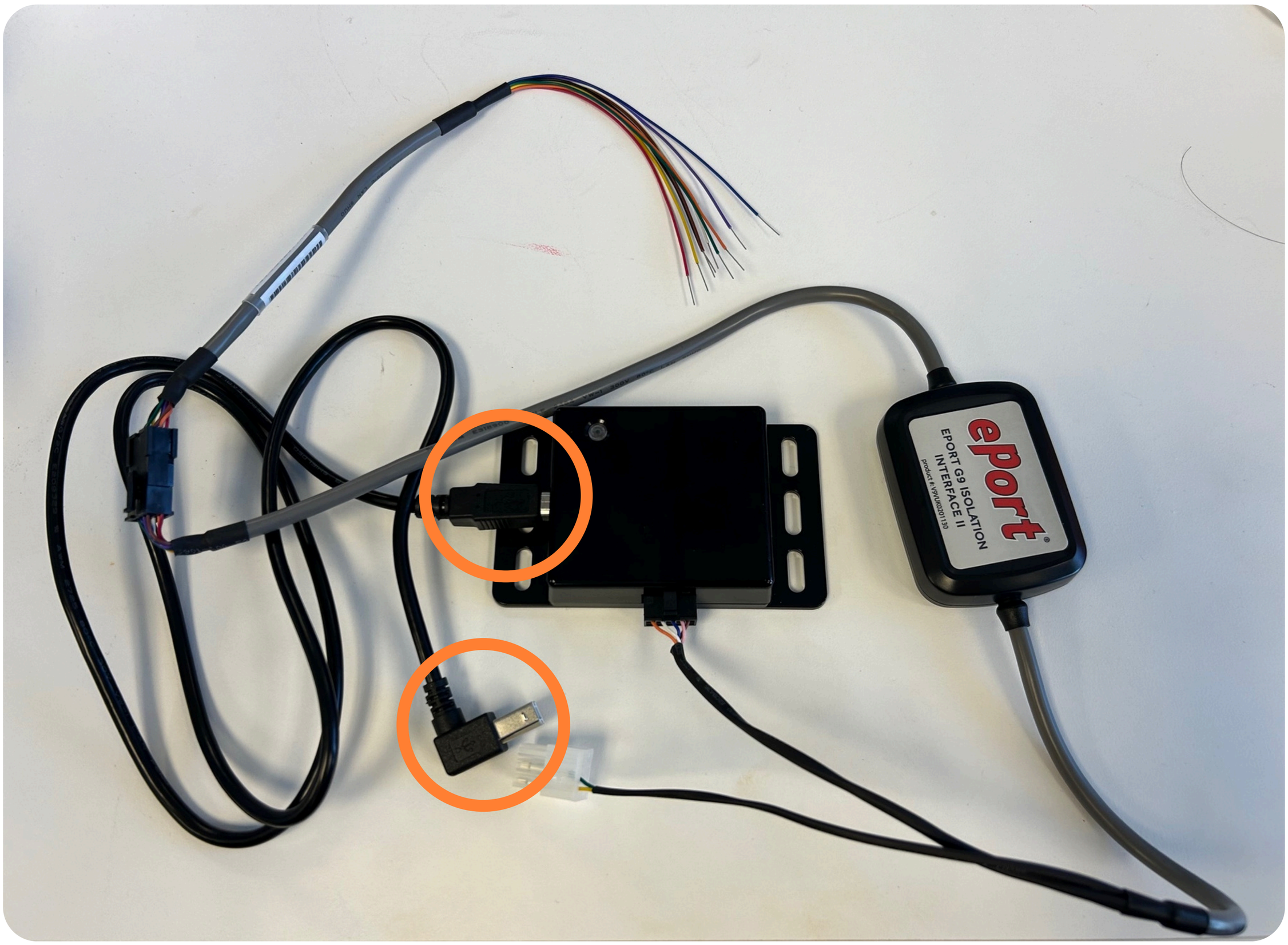
Engage Pulse Adapter Guide

WIRING DIAGRAM AND
CONNECTION INSTRUCTIONS.

Engage Pulse Adapter Guide

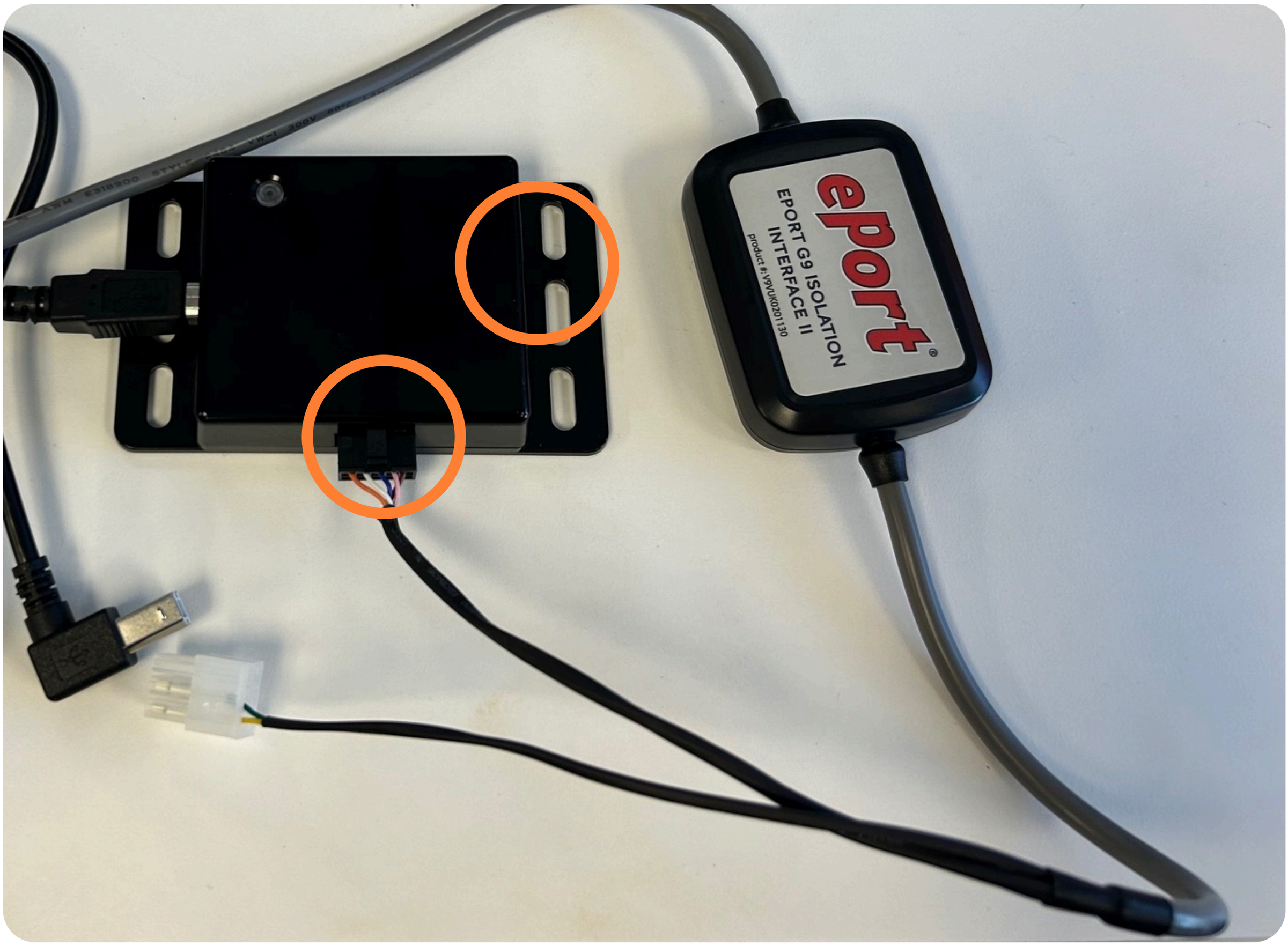
Standard Engage Coin Pulse Adapter Connection

1. Locate Your USB cable. Shown below:



2. This USB cable will plug into the USB port on the adapter box port.

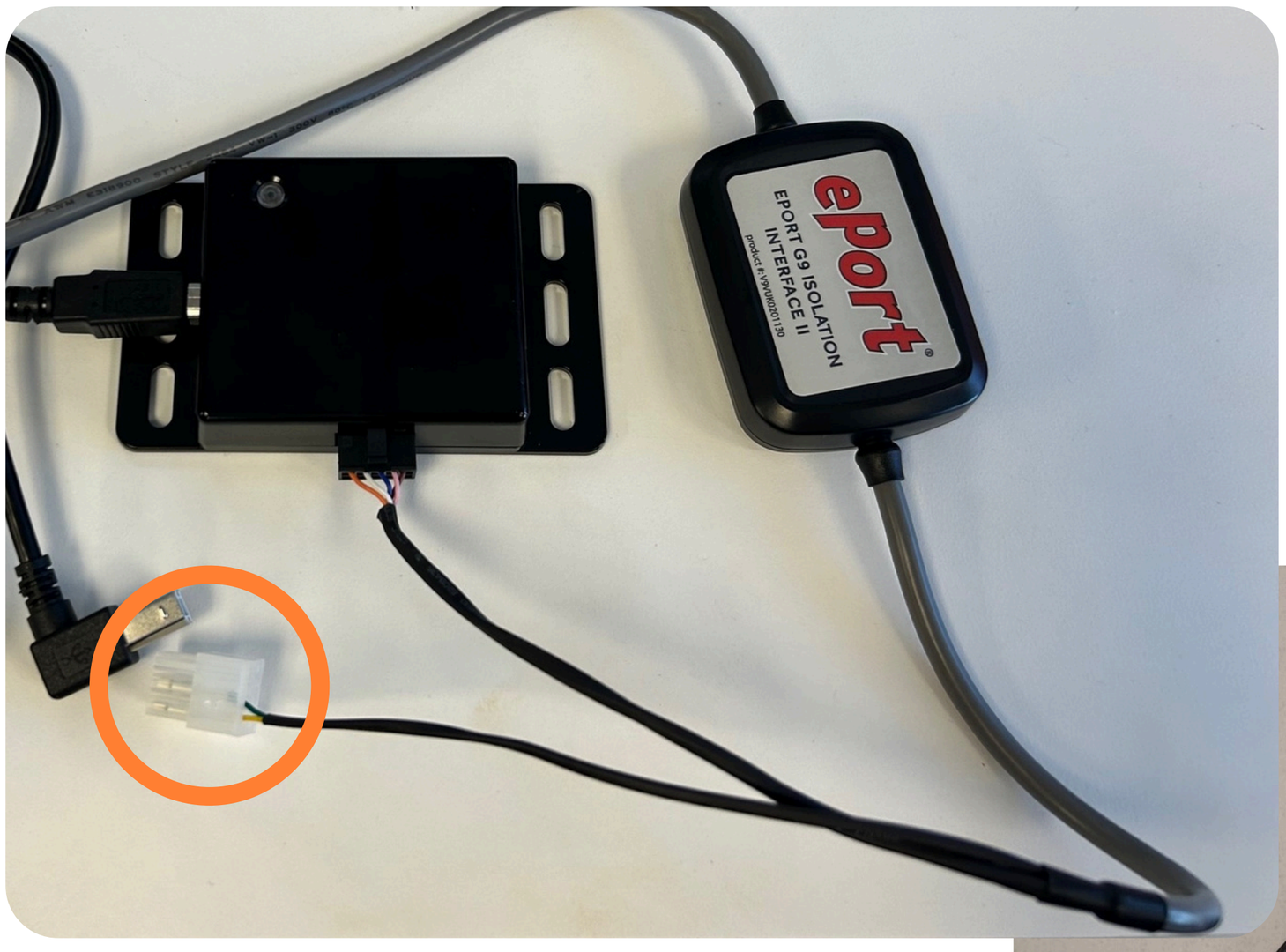
3. Next, take the ISO unit (shown below) and plug the black connector into either the J3 or J1 port.

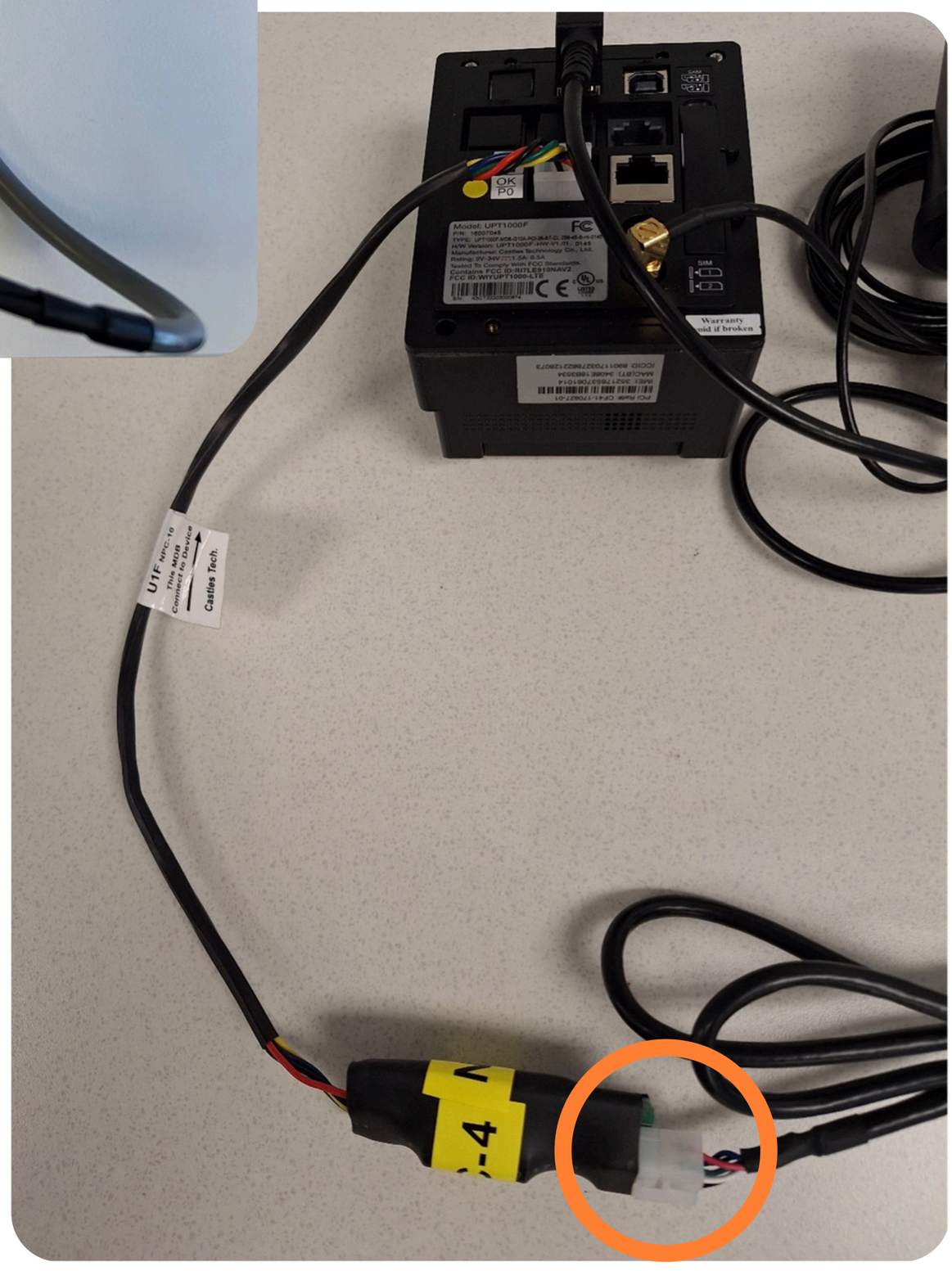


4. Plug the other end of the USB cable into the back of the Engage Pulse device. Use port “USB2.”

NPC-4 Cable

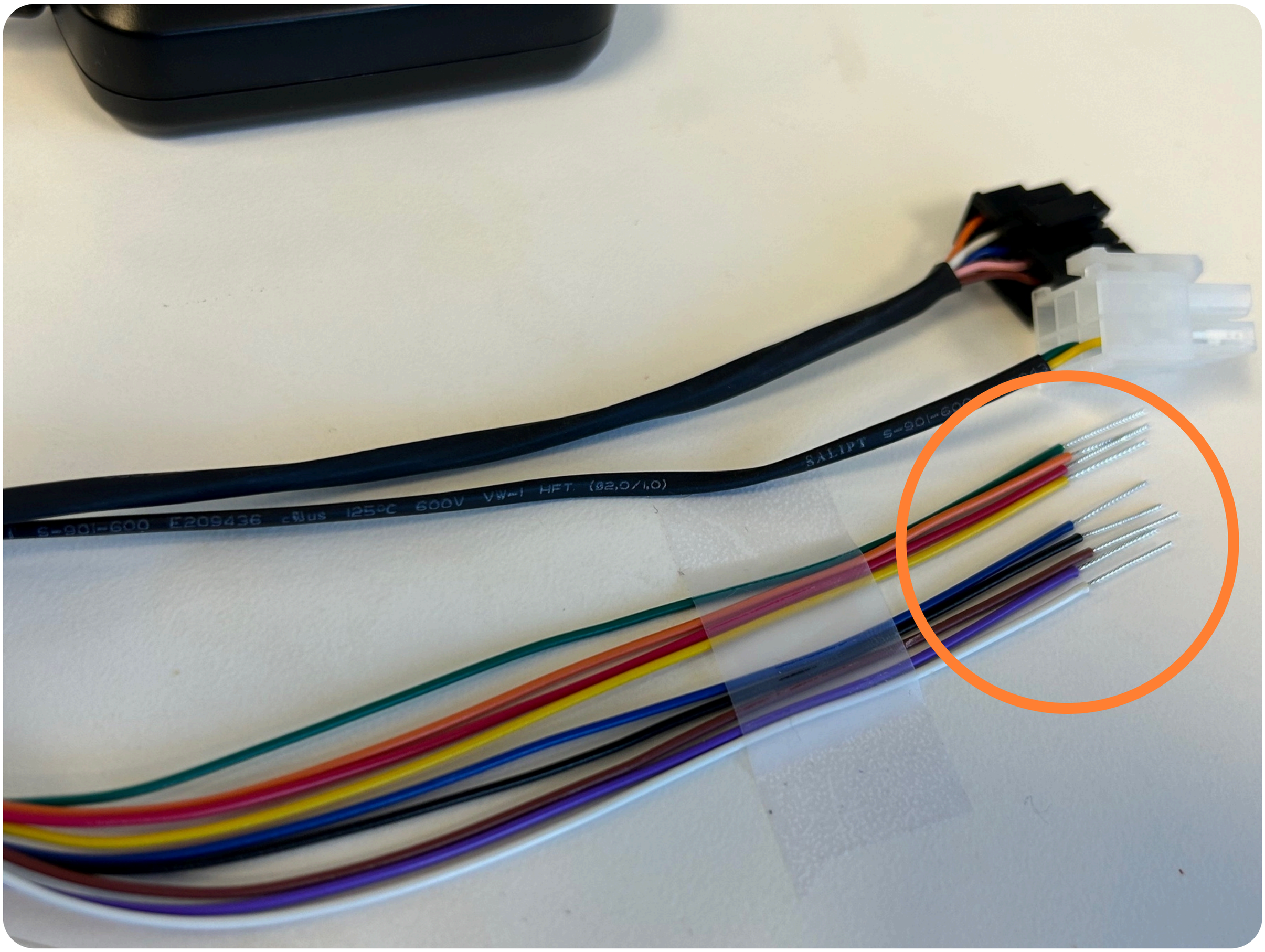
5. Plug the MDB white connector into the end of the NPC-4 cable that is plugged into the back of the Engage Pulse unit.





NPC-4 Cable

6. Please connect the coin pulse wire cable and complete your wiring setup per your machine manufacturer suggested installation to your machine timer.



Refer to your machine timer manufacturer’s suggested installation, as timer wiring labels may vary visually on their timer unit. You can refer to our isolation interface diagram on the next page for our unit’s wire labeling.

Isolation Interface Adapter II - Sample Installation of Engage Pulse Using Pulse Interface

The Enable and Cash signal are preset at the factory to 12VDC. Move the shunt to select desired voltage level - 5V, 12V or 24V.

SHUNT ON	EQUALS
JP 1	Enable 5V
JP 2	Enable 12V
JP 3	Enable 24V
JP 4	Cash 5V
JP 5	Cash 12V
JP 6	Cash 24V

ISOLATION INTERFACE ADAPTER II

Power for Engage Pulse

POWER SOURCE
Either 24VAC, 2A or 24VDC

CUSTOMER CONTROLLER/TIMER

Disable the Engage Pulse during the vend session

+12VDC out

Cash Com

Cash Signal

Enable -

Enable +

Cash In +

Relay Common

Relay NO Contacts

Cash In -

COIN MECH (optional)

BILL ACCEPTOR (optional)

WIRE COLOR	SIGNAL
Black	Power Input
Red	Power Input
Brown	Enable -
Purple	Enable +
Blue	Cash In +
White	Relay Common
Orange	Relay NO Contacts
Green	Cash In -
Yellow	Relay NC (not in use)

ENGAGE PULSE POWER: The Red and Black wires are used to power the Engage. Either a 24VAC, 2A or a 24VDC, 2A power supply is recommended.

PULSE RELAY: The Orange, White, and Yellow wires are all part of the relay circuit. The Isolation Interface Adapter eliminates the need for you to design your own relay interface, by offering the flexibility of either a normally open or normally closed set of contacts. These contacts are operated by the TELEMETER's pulse output circuitry, and can control an external load of up to 2A at 24VDC. These settings are settable by a Cantaloupe Customer Service Representative or by using Seed Live.

ENABLE SIGNAL: The Brown and Purple wires are used to Enable or Disable card acceptance. This circuit is designed to disable the Engage from accepting cards while in the middle of a vend session, or when a system error occurs. You may choose not to use this feature if you intend on accepting cards during the vend session (i.e. add time, top-off…).

The user may disable the card reader during a vend session by applying 5-24VDC on the Purple wire, and connecting the Brown wire to the Controller/Timer's Enable output. This input can be configured to operate at either 5V, 12V or 24V DC (jumper selectable).

CASH REPORTING: The Blue and Green wires are used to enable cash reporting (see diagram for connection). This feature is used by customers that want to monitor and report on their other payment devices such as: Bill Accepter or Coin Mechanism. This input can be configured to operate at either 5V, 12V or 24V DC (jumper selectable).

cantaloupe

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