

## Testing a Contact Sensor (Reversing Edge)

### Function Testing

1. Squeeze the edge and watch to see if the corresponding input LED lights up and the gate reverses.
2. For **Close Edges** and **Gate Arm Edges** you may need to set up an obstruction and have the gate close on it. The corresponding LED on the Genesis control board should light up and the gate should reverse.

### Inspection

Things to look for:

Pinched or sliced wires

Loose wires at the end of the edge

Loose or dislodged end caps

Edges that have taken on water

Edge wires are crimped on the insulation at the input.

Verify that input is programmed to **Edge 10k** in the **Monitored Inputs** menu on the Genesis control board.

### Static Check

1. Attach the edge wires to the leads of your meter as shown.
2. Set your meter to measure **ohms  $\Omega$** . The monitored contact sensing edge should measure approximately 10k ohms. The **AutoGate Genesis** board loaded with **Firmware Version 2.78 or higher** is required. If under version 2.78 update the board. **Edges should measure between 8.5k  $\Omega$  and 11.5k  $\Omega$** . When the edge is compressed, it will measure 0  $\Omega$ .

