

NABCO ENTRANCES TECHNICAL BULLETIN

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Sensor Monitoring Problem with BEA IXIO DT1 and Optex OS-12C T Beam controller

We have encountered a few instances on new sliders where after it is installed and powered up the following happens:

Symptom:

Once the system is powered up, the Optex holding beam controller stops working (red and green LED's are off) and the door holds open.

Cause:

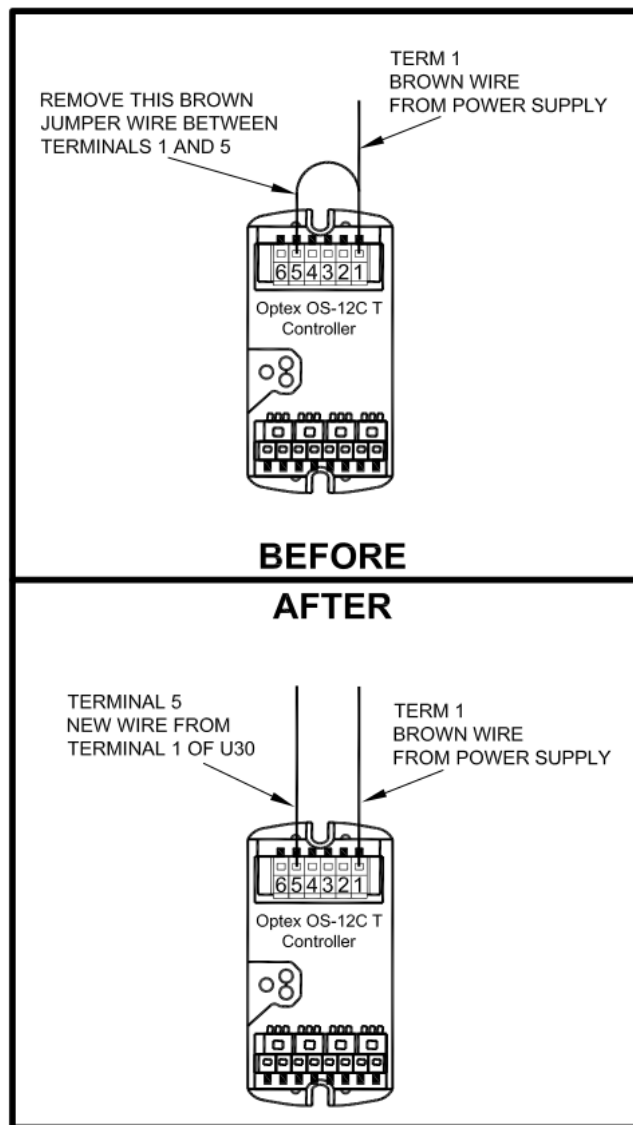
When the BEA IXIO DT1 sensor is used with the Optex controller and the monitoring voltage levels to each device are different, because of the internal circuitry of the IXIO, the separate voltages are allowed to mix causing the Optex beam controller to stay on.

Solution:

Remove the brown jumper wire that connects terminals 1 and 5 on the Optex OS-12C T beam controller. Then run a new wire from terminal 5 on the beam controller to terminal 1 on the U30 control. Nothing else needs to be done.

Note:

1. At this time we are only aware of this occurring when power is first applied to the unit after Installation.
2. All sliders currently being shipped from our factory have a modified harness on the GT1175 so that all monitoring voltage signals originate directly from the U30.



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