

TECHNICAL BULLETIN

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Who is the contact?

Technical Support Department

Optex OS-12CT Beam Controller Requiring a Reset on GT1175 Automatic Sliders

We have become aware of a few instances where the new model Optex holding beam controllers (OS-12CT) with sensor monitoring have had repeated issues.

Symptom

- 1. Door holds open indefinitely.
- 2. Upon opening the header, the red and green LEDs on the Optex controller will be alternately flashing.

Briefly pressing the reset button on the beam controller will resolve the issue however the problem may reoccur.

Cause

Optex has confirmed that the OS-12CT beam controller may require a reset if its supply voltage drops below 9 volts. They are in the process of resolving this issue and new modified controllers will become available soon.

Solution

In the meantime, to minimize the chances of the beam controller accidentally resetting due to a low voltage (brownout) condition, Nabco is taking the following action: effective immediately, we will be installing a separate dedicated power supply to power the holding beam controller in all GT1175 sliders leaving the factory. This will continue until Optex can provide updated components.

If this condition occurs on existing units in the field the solution is the same, power the beam controller with a separate power supply. The beam controller will work with anything providing 12 to 24 volts AC or DC. If needed, Nabco can provide a small, simple, and inexpensive power supply that provides 24VDC, 0.5 Amps. Part Number A-01361. A diagram of this installation is shown below.

