

# GROUND PERMISSIVE INTERLOCK

Model No.: GPI-24VDC-4LT, GPI-24VDC-2LT, GPI-24VDC-120LT

Spartan Controls' ground permissive interlock (GPI) ensures that tanker trucks or rail tank cars are properly grounded for optimal safety in loading operations. Fluid transport vehicles carrying flammable liquids that need to be properly grounded before hose connections are established and throughout the loading operation.

Proper grounding ensures safe dissipation of static electricity to prevent fires and explosions, which can be ignited by static.

## Application

- GPI indicators are used to connect tank cars/trucks to a safe ground circuit while loading or unloading combustible liquids
- For use in propane loading applications
- Approved for Class I, Division 1
- Additional options available based on Customer requirements

## Features

- Monitors the grounding connection throughout the loading operation
- Trigger alarms using beacons and/or horns to alert operators on loss of ground and automatically shut down the loading process if necessary when integrated into Spartan Controls FB107 TUL, TruckVue™, or RailVue™ loading systems
- CSA Approved for Class 1 Zone 1 Groups C&D.
- (2) - 3/4" conduit hub
- (2) or (4) - pilot indicator lights
- (1) - heavy duty ground clamp with 25 feed or cord 14/3
- S.O.W intrinsically safe
- Operating temperature: -40°C to +50°C



***For more information, contact us today!***

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