



AAKI

OVERFILL PREVENTION & GROUNDING SYSTEMS

FEATURES & BENEFITS

Overfill Prevention and Grounding Systems are designed for Top and Bottom loading of tank trucks, rail cars, etc. In the event of an overfill condition, the overfill sensors will send a signal through the output relay to the terminal automated loading system to shut down the loading operation. The systems provide overfill protection as well as grounding verification.

Overfill Prevention & Grounding System – Top Loading



Specifications

Input Power: 85VAC to 250VAC @ 47 to 440Hz

Input current: < 35mA

Respond Time: < 2 Seconds

Output Signal: 30V DC @10A/250V AC@10A

Ingress Protection: IP65

Spiral Cable: Extendable to 6 m (20ft.)

Operation Temperature: -40°C to +60°C (-40°F to +140°F)

Alarm Volume: > 90dB

Certification: ExdialIBT4 Gc

Features & Benefits

Audible and visible alarms.

Upon the loss of a ground connection or an overfill condition, the system will send a signal to shut off the loading operation.

LED display provides the resistance value of the ground connection.

The overfill sensor has a continuous self-check and alert feature to insure the system is working properly.

Aaki Corp.

The Better Way

Bonding & Grounding Solutions

Calgary, Alberta, Canada Phone: 1-888- 899-AAKI (2254) info@aaki.ca www.aaki.ca



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Overfill Prevention & Grounding System – Bottom Loading

Specifications

Input Power: 85VAC to 250VAC @ 47 to 440Hz

Input current: < 45mA

Respond Time: < 2 Seconds

Output Signal: 30V DC @10A /250V AC@8A

Ingress Protection: IP65

Spiral cable: Extendable to 9m (30ft.)

Operation Temperature: -40°C to +60°C (-40°F to +140°F)

Certification: ExdialIBT4 Gc

Features & Benefits

Audible voice warning.

LCD Display indicates the status of the system.

Compatible with overfill sensors/sockets that meet API standards.

Monitors up to 8 overfill sensors.

When connector plug is stowed in storage socket, the system will output a homing signal to open or close an automatic gate.

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