

The Growco GPS Series grounding plug overfill system is designed with high technology integrated circuitry to ensure high precision and rugged construction for long term reliability while ensuring it will alert the operator if there is a break of proper grounding as well as it will disable the batch controller to stop the pump from continuous loading. The Growco GPS Series has the standard feature with overfill protection secured to the Bottom Loading Arms to alert the operator that the liquid has reached the maximum high level limit as well as it will disable the batch controller to stop the pump from continuous loading. The built-in horn will buzz/alarm when either of the functions from grounding plug and overfill is detected in non proper usages. The GPS Series are used widely for road tankers in the oil storage tanks terminals, refineries, petrochemical complex as well as industries such as foodstuff, chemical, water treatments plants, etc.

➤ **Features:**

- Unique design of high technology integrated circuitry;
- With Embedded anti-lighting module, the alarm can work normally under lighting circumstance;
- When alarming, it can send out the alarm indication light and sound alarm at the same time;
- Can send out the grounding alarm and overfill alarm independently and automatically;
- Can be used independently and provide alarming signals to the batch controllers and Terminal Automation Systems (TAS);
- The plug can be connected to API standards (five-wire types) road tanker socket;
- Light weight;
- Simple installation;

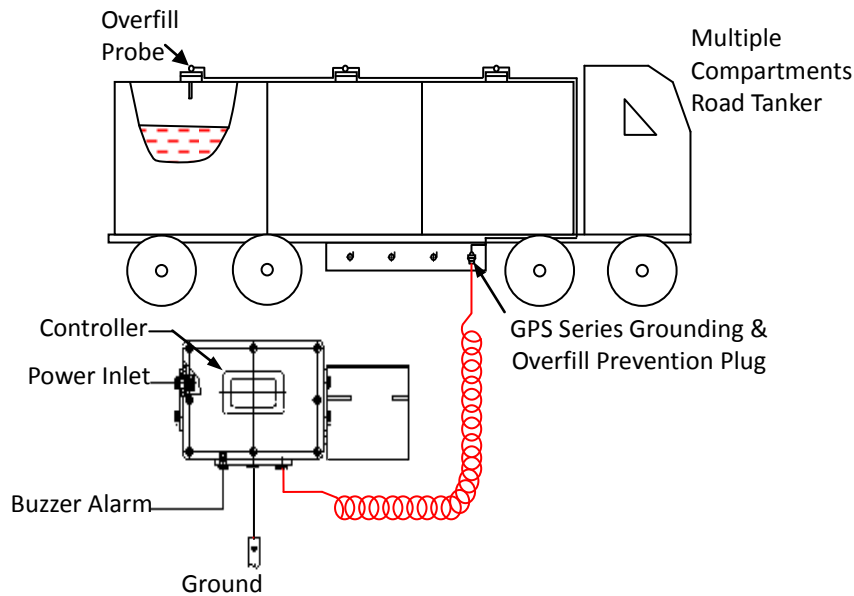


Typical Photograph of GPS Series for Bottom Loading Arm Application

➤ **TYPICAL SPECIFICATIONS**

- Environment temperature : -35 to +70° C.
- Classifications : Exdia[ia] II BT4.
- Electrical supply : 12VDC; 24VDC; 220VAC.
- Power : <0.2W.
- Detection resistance : <60 Ohms.
- Approximate Size : 380mm x 170mm x 110mm.
- Cable outlets : ¾ NPT x 2; ½ NPT x 2.
- Display : Two LED indication lights will display grounding & overfill functions.
- Weight : Approx. 7.5kg.

- For installation with multiple compartments Road Tanker with both grounding & overfill protection as shown below:



Typical photograph of Grounding & Overfill Prevention Plug

- We have the GCS Series Grounding Clamp Overfill Systems designed for used with Top Loading Arms applications and do contact us for related bulletin no. GCS-A-08 for more details.



Typical Photograph of GCS Series for Top Loading Arms Application

➤ **NOTES WHEN ORDERING:**

- Describe its application.
- Specify its model.
- Specify supply voltage.
- Other useful details or contact us.

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