



Kinetic Polymers

(AN ISO 9001 - 2008 Certified Company)

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Technical Specifications of Tanker Earth Monitoring System (Model: KPE-10)

The TGM-200 provides positive verification of static ground connection on a wide range of industrial plant equipment, including tankers trucks, railcars, drums, containers and other conductive equipments.

Whenever flammable liquids or powders are transferred, or whenever there is a risk of conductive plant items becoming isolated from ground within hazardous locations, effective grounding and bonding is necessary to ensure safe dissipation of static electricity to prevent fires and explosions which can be ignited by static.

When connected to a tanker truck or other conductive equipment, the monitoring circuit ground the equipment and verifies a low resistance connection between the equipment and ground. Good connection is confirmed by an indicator light and the relay is energized (switch contact) for controlling the other drives like motors.

FEATURES:

1. Easy to install, operate, maintain
2. Confirms safe, low-resistance static dissipation path from tanker, drum etc. to designated ground point.

TECHNICAL DATA:

1. Input Voltage : 230V AC 50Hz.
2. Relay contractor : 230V / 5A Max.
3. FLP-WP Instrument Box
4. Gas Group IIA & IIB Ex-d is : 2148-2004 (IEC-60079-1/2001)
5. IP:66 IS:12063-1987
6. Rating : A
7. Cat No. : PFP / IB / 08
8. CIMFR /TC/P/H284
9. Gasket : Endless moulded neoprene
10. Mounting : Hole Ø10mm – 4 Nos.
11. Finish : Epoxy light shade
12. Weight : 7 Kgs (Approx.)
13. Resistance Range : $\leq 10\Omega$ - Pass Green Light
 $\geq 10\Omega$ -Fail Red Light

