

Diagnostic Sculcon Plug and Cable Unit

For Gantry Overfill Controls

Featuring A Quick Disconnect Cable Coupling



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Description

The Sculcon forms part of the intrinsically safe circuit from the overfill controller to the road tanker. It provides a path for the system's self-testing Dynacheck® circuitry.

The junction box isolates the intrinsically safe wiring to the controller. The display panel has eight bright L.E.D.'s to show the state of each channel to quickly indicate any fault or overfill condition. Existing boxes may also be retrofitted for diagnostic display and coupling use.

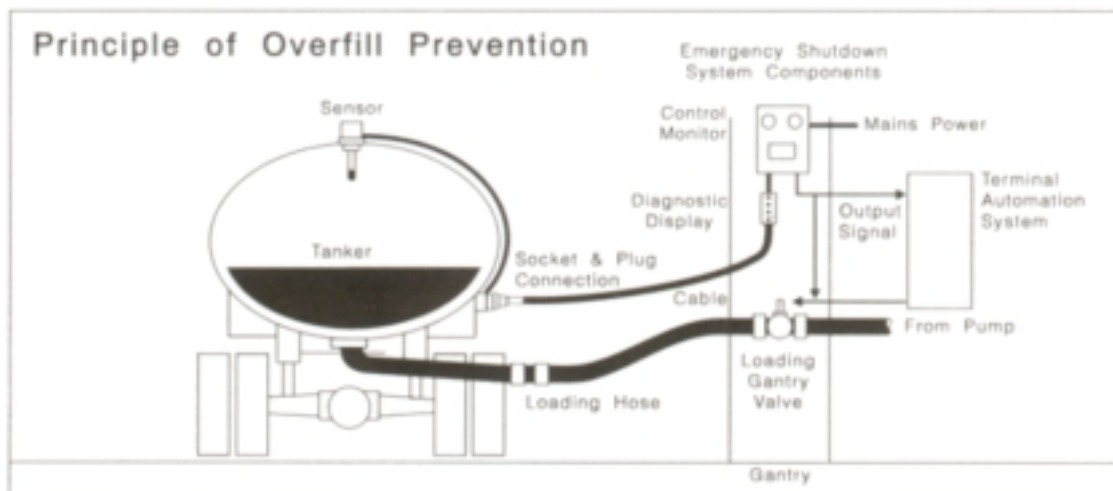
The unique quick disconnect coupling allows for easy plug and cable detachment. It also prevents

- Rugged, high impact polyurethane plug is lightweight for easy handling.
- Special 10 core cable incorporates earthing.
- Intrinsically safe connections in junction box ensure safety even during drive aways.
- Flexibility in mounting the diagnostic display.
- Watertight coupling inhibits corrosion and allows fast replacement of plug and cable.
- Prevents the need for troubleshooting plug and cable units at the gantry, allowing you to keep the loading stations open.
- Avoids an expensive service call due to a cable, plug, or plug contact problem.
- Facilitates routine plug and cable inspection through the use of a spare.
- BASEEFA/CENELEC approved system.

damage to the junction box in the event the tanker drives away with the plug still connected.

The 10 core cable transfers the intrinsically safe electrical signals and earthing contacts. It is fuel resistant and comes in six meter lengths.

The rugged yet lightweight polyurethane plug houses spring loaded, stainless steel contact pins which provide even contact to the socket. An important safety feature is that the earthing pins are longer, making contact for electrostatic discharge before power is supplied through the socket.



Setting New Standards In Safety