

Static Grounding Devices ➤

Static Grounding Monitoring Systems

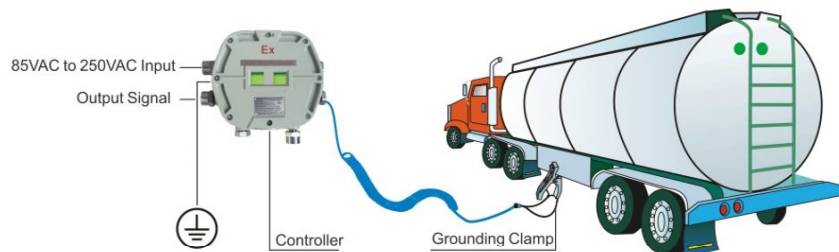
Model: SLA-S-Y

The “Static Grounding Monitoring System” functions as a part of an Overfill Protection & Earthing System. These provide a visual green light indicating a confirmed grounding condition of road tanker vehicles during the transfer of flammable and combustible materials. A red light indicates the absence of a dependable grounding. An interlock circuit inside the control panel will prevent pumps and equipment from starting until a satisfactory ground is established. The interlock circuit will also shut off pumps and equipment if the ground is lost during the pumping operation.



➤ Specifications

Input Power	85VAC to 250VAC 50Hz
Input Current	<60mA
Output Signal	On-off signal
Monitoring Set Point	10 ohms
Alarm	Visible alarm
Spiral Cable	Extendable to 5.3m (17.4ft.)
Output Safety Parameters	Um:250VAC,Uo:14.28VDC,Io:27.2mA,Po:97mW,Co:4.17μF,Lo:192mH
Indicator	Lamp (Green=satisfactory ground and red=no ground)
Operation Temperature	-20°C to +55°C (-4°F to +131°F)
Eu-Type Examine Certificate No.	Presafe 16 ATEX 8909X
QAN Certificate No.	Presafe 16 ATEX 7744Q
Standard	EN 60079-0,EN60079-1,EN60079-11
Applicable Directive	2014/34/EU



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During fuelling, loading and unloading operations, the vehicles should always be grounded. The “Static Grounding Monitoring System” will automatically shut off the loading and unloading operations if the grounding is broken at any time during the operation.



➤ Specifications

Input Power	220 VAC or 24VDC
Input Current	<60mA
Output Signal	On-off signal
Monitoring Set Point	10 ohms
Alarms	Audible and visible alarms
Spiral Cable	Extendable to 5.3m (17.4ft.)
Indicator	Lamp (Green=satisfactory ground and red=no ground)
Operation Temperature	-40°C to +60°C (-40°F to +140°F)
Alarm Volume	>90dB
Certification	ExdiallBT4 Gc

