

DUMPGUARD 2500



DESCRIPTION:

The Cordova DUMPGUARD 2500 is an economical way to identify and address “runaway” dump controls at your process locations. All dump controllers on your production equipment have the potential to “runaway” causing excessive fugitive emissions, sending high pressures to low pressure production tanks, overloading vapor recovery units and combustors, lost production, and possibly the worst of all scenarios-FLASH FIRES. Many factors can contribute to a “runaway dump” scenario from stem and seat washouts to a faulty level controller not doing its job. The DUMPGUARD is a “smart controller” and is installed directly downstream of the dump to recognize and take action when a “runaway” dump scenario occurs.

The DUMPGUARD 2500 Can Eliminate These Costly Headaches From “Runaway” Dump Conditions:

- Lost Production
- Unnecessary High Volumes Of Emissions
- Overloaded VRUs
- Complete Location Shutdown
- Public Complaints From Emissions
- Flash Fires On Location
- Costly Environmental Clean Up
- Overloaded Tank Combustors
- Fines From Regulatory Agencies
- Operator Safety Concerns

**The DUMPGUARD 2500 Has The Potential To Achieve ROI When It Identifies And Addresses Just
One “Runaway” Dump!!!**

There are many ways to incorporate a DUMPGUARD into your process to achieve containment when a dump is running away. The DUMPGUARD features a Gems™ Sensors latching valve to open or close back up valves behind or in front of the “runaway” valve as well as a Digital Output that can pass an alarm signal to your PLC upon dump failure. In other words, the DUMPGUARD has the capability to completely shut in the specific production unit that has the “runaway” dump. This ensures that other production units on location can continue producing without fear of overloaded VRU’s, tank combustors, or flash fires from the emissions produced from the “runaway” dump fueling the burners on other equipment.

SPECIFICATIONS:

Electrical Classification	CSA-Class I, Div. II, Groups ABCD, T6 & Class I, Zone 2, IIC, T6
Dimensions	5" x 5.25" x 6.5"
Battery Pack	12V Lead Acid/7.2V Lithium
External Power	12-30VDC @ 200µA Typical
External Wiring Connection	½" FNPT
Process Connection	½" MNPT
Pneumatic Control Connection	¼" FNPT
Detectable Operating Pressure	0 - 300psi
Operating Temperature	-40°F to +140°F (-40°C to +60°C)
More Specifications, Installation, and Operating Procedures	See: "DUMPGUARD Installation and Operation Guide" @ www.cordovaflow.com

LED Indication:

Red LED	Green LED	Condition
Single Flash	-	Pressure Above Static Pressure
Double Flash	-	Low Battery Condition
Triple Flash	-	Alarm Condition
-	Single Flash	Pressure Below Static Pressure
Double Flash	Double Flash	Learn Mode
On	On	Visual Feedback for Hall Effect Switch(magnet)

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