

RELIEFGUARD 2500



DESCRIPTION:

The Cordova RELIEFGUARD 2500 is an economical way to identify and address pressure relief controls (PRVs) when they rupture at your process locations. All PRVs on your production equipment and compressors have the potential to “pop-off” causing excessive fugitive emissions, lost production, costly environmental clean-up, and possibly the worst of all scenarios-FLASH FIRES. The RELIEFGUARD even has the ability to recognize ounces of pressure from a leaking PRV! The RELIEFGUARD is a “smart controller” and is installed directly downstream of the PRV to recognize and take action when an unscheduled “pop off” or rupture scenario occurs.

The RELIEFGUARD 2500 Can Eliminate These Costly Headaches From Unexpected PRV Release Conditions:

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

**The RELIEFGUARD 2500 Has The Potential To Achieve ROI When It Identifies And Addresses Just
One PRV Rupture Scenario!!!**

The simple installation of a RELIEFGUARD directly downstream of your PRV not only achieves containment when a PRV is unexpectedly releasing, it can also notify a PLC of the situation. The RELIEFGUARD features a Gems™ Sensors latching valve to close the inlet valve to the production equipment upon a release. This same latching valve can also be used to supply or remove a pneumatic signal on a pressure switch that can shut down a compressor, engage an ESD, etc. In other words, the RELIEFGUARD has the capability to completely shut in the specific production unit or compressor that has the releasing PRV and limit the damage to follow.

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 - 100psi
Proof Pressure	2X Max Operating Pressure
Operating Temperature	-40°F to +140°F (-40°C to +60°C)
More Specifications, Installation, and Operating Procedures	See: "RELIEFGUARD 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)

CORDOVA FLOW CONTROLS, LLC

1935 65TH Avenue, Suite B

Greeley, CO 80634

Toll Free: 1-855-900-CORDOVA

www.CordovaFlow.com

Rev. 11/18/13