



ACL 3200 Flare Stack/Incinerator Ignition System

System Features

- CSA Approved C22.2 No 199-M89
- CSA Approved for Class I, Div 2 Locations
- 10-30 VDC operation
- Low power consumption for solar operation
- 4-20mA transmitter output
- Weatherproof enclosure
- No programming necessary
- On board adjustable timer for on/off settings
- Onboard scaled thermocouple adjustments with relay outputs
- Fail safe alarm output
- Modbus communication onboard
- Onboard solenoid drivers
- Stainless steel construction
- Fully retractable
- 1400lb winch and 5/32 SST aircraft hoisting cable



Pilot Ignition System Features

- Continuous gas pilot
- Air/Fuel mixer
- Automatic relight
- Alarm provided by thermocouple sensing

Flame Ignition System Features

- Continuous gas pilot
- Continuous spark
- Automatic relight
- Alarm sensing through flame ionization

Ignitor Only System Features

- Continuous high voltage
- Spark ignition
- No gas required, or where fuel gas is not available

High Energy System Features

- Continuous spark ignition
- Alarm provided by electronic sensing of spark integrity
- Ignitor sparks in extreme wet conditions
- No gas required

ACL 3200 PI /FI/ I / HE Ignition System

The ACL 3200 controller is configurable for our Pilot Ignition System (**PI**), Flame Ionization system (**FI**), Ignitor Only System (**I**), and our High Energy Sparking System (**HE**).

The **ACL 3200 Pilot Ignition System (PI)** is a continuous pilot which uses a high voltage spark to light the pilot. The pilot is then monitored by a thermocouple. The thermocouple is used for alarming purposes or to turn off the sparking when the pilot is lit.

The **ACL Flame Ionization System (FI)** uses a continuous pilot and high voltage sparker to light the pilot. It uses a single ignitor/flame rod to provide both flame acknowledgment and ignition. Maybe used with ACL 1500 pilot/flame rod assembly.

