



### DUAL FLARE PILOT CONTROL

This advanced auto-reignition system with flame sensing capability will control up to 2 pilots and keep your equipment environmentally compliant.



### QUALITY STANDARD

The ARControl system is proudly manufactured in the USA at our Wheat Ridge, CO facility. Our staff of experienced engineers oversees the design, manufacturing and testing of each product, giving ARControl unrivaled oversight.



### STARTUP AND SERVICE

Technical Support  
Installation and Setup  
Maintenance Application  
Support Hardware Support  
Guaranteed Warranty

# ARCONTROL™ FLARE

*more than just...*

## A DUAL PILOT FLARE CONTROLLER

ARControl™ is proud to introduce our *Dual Pilot Flare Controller* product firmware:

- Up to two high-energy ignition outputs
- Up to two hot surface ignition outputs
- Dual pilot valve control
- Easily navigable user interface
- User configurable settings
- Alarm and dual pilot status outputs
- Modbus RTU over RS-485
- Permissive input
- Temperature flame detection
- Data logging
- Integrated solar charging
- 12 or 24 VDC
- -40°C to +60°C (-40°F to +140°F)
- Nema 4x Enclosure

**ARControl Flare** (Dual Pilot Flare Controller) provides automatic electronic or hot surface ignition for two flare pilots.

Utilizing thermocouple temperature flame sensing, **ARControl Flare** (Dual Pilot Flare Controller) is sure to safely ignite and maintain a pilot flame. Dual pilot valve outputs allow for pilot gas shutdown.

Alarm and dual pilot status outputs, Modbus communication, and data logging ensure that the status of equipment is easily and always known.

**Made in USA.**



### TECHNICAL SUPPORT

Service and support available in all Oil and Gas Producing Basins in North America.



### TURNKEY SOLUTIONS

Each product can be shipped to your location and installed by our team of qualified technicians or shipped to the manufacturer of your choice and we will train and support their team to ensure your product performs as designed.

### APPROVALS



**ARControl™ System:** CAN/CSA-C22.2 NO. 61010-1:2012  
UL 61010-1  
ANSI/ISA-61010-1  
CAN/CSA C22.2 NO. 213:2015  
ANSI/ISA 12.12.01: 2015  
CAN/CSA-C22.2 No. 94.2-15  
UL 50E

**BMS Module in Adalet:** BCAN/CSA-C22.2 No. 0-M91  
CAN/CSA E60730-1-2013  
C22.2 No. 60730-2-5:14  
CAN/CSA - C22.2 No.30-M1986  
CAN/CSA-CSA 22.2 No.25-1966  
CAN/CSA-C22.2 No.60079-0:15  
CAN/CSA-C22.2 No.60079-1:16  
ANSI Z21.20 -2014  
ANSI/UL 60079-0:13  
ANSI/UL 60079-1:15  
UL 1203: 2013

**BMS Module:** CAN/CSA E60730-1-2013  
ANSI Z21.20 -2014.  
CAN/CSA C22.2 No. 60730-2-5-2014



## TAKE CONTROL

*Unleash the potential within...*

*...with just a firmware upgrade*

### WHY ARControl?

*ARControl is the most innovative Burner Management System on the market.*

Fully scalable, this controller adapts to your well site needs. At its most basic configuration, the **ARControl** can monitor and ignite a pilot flame on separators, treaters, burners, combustors or flares for added site safety. If the pilot goes out for any reason, the system can notify the customer through Modbus or alarm. On the other end of the scale, the **ARControl** can also be combined with control valves, pressure sensors and thermocouples for a complete burner management solution. The **ARControl** system also has the unique ability to monitor and control 2 burner systems from a single control box, reducing costs.

### Key Features

- One unique control box model, at a low entry price
- Increase controller capabilities through firmware upgrades, no need to purchase a new model
- Fully automated direct spark ignition with flame sensing capability
- On-board data logging capability
- Customer PLC compatibility through Modbus RS-485/SCADA communications
- Control of both the pilot and main burner valve
- 12 / 24 VDC compatible multi-burner applications (one box can control up to 2 burners)
- Class I Div 1 & Class I Div 2 approved configurations available

ARCONTROL™ Unleash the potential within!	Firmware Type			
	BASE	FLARE	BMS	DUAL
Auto-Ignition	✓	✓	✓	✓
Advanced Datalogging	✓	✓	✓	✓
Modbus RTU over RS-485	✓	✓	✓	✓
Temperature Monitoring	✓	✓	✓	✓
Multiple Process Control	✗	✗	✓	✓
Temperature, Pressure & Level Control	✗	✗	✓	✓
High Temperature Shutdown	✗	✗	✓	✓
Two pilots control capability	✗	✓	✗	✓
Two Burners control capability	✗	✗	✗	✓
Types of Equipment	🔥	🔥	🔥 ⚠️	🔥 ⚠️

✓	✗	🔥	⚠️
Standard	Not available	Flares, Combustors, Incinerators	Heated Equipment

