



12 Volt SureFire Actuator

Part #: 51901065

- The 12V SureFire actuator is designed to control the main fuel gas to the main burner.
- No adjustment necessary! The actuator is factory programmed and pre-wired.
- Simple 3 wire termination.
- Applications include – pilotless single stage operations, non-venting fuel trains, and flare systems.
- This actuator is compatible with all SureFire BMS controllers.

Specifications

- Voltage - 12 VDC
- Duty Cycle - 75%
- Torque - 200 In-lb.
- Timing - 5 sec/90° closed
30 sec/90° open
- 1/4" turn with 2 positions
- Visible indicator dome
- Stainless steel ball valve

Certifications

- Explosion proof NEMA 7 cast aluminum enclosure
- Class I Groups C & D
- Class II Groups E, F, & G
- Division I & II



1" SureFire Solenoid Valve

Part #: 51900605

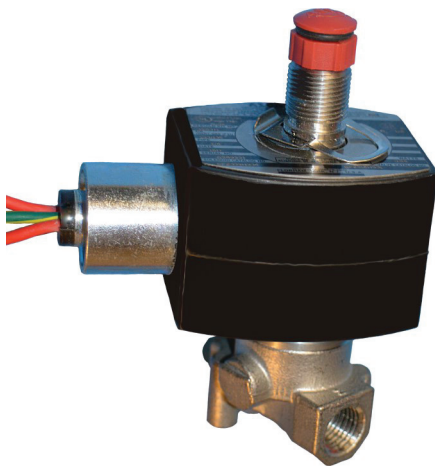
- The 1" SureFire solenoid valve is a fail closed device, meaning if power is lost, the unit defaults to a closed state.
- No adjustment necessary! Simple termination and installation.
- Applications include– pilotless single stage, non-venting fuel trains, and flares.
- This solenoid is compatible with all SureFire BMS controllers.

Specifications

- Voltage - 12 VDC
- Power - 4.5 Watts
- Simple 2 wire termination

Certifications

- Explosion proof stainless steel valve
- Class I Groups A, B, C & D
- Division I & II
- Class II Groups E, F, & G



1/4" ASCO Solenoid Valve

Part #: 51900601

- The 1/4" ASCO solenoid valve is a fail closed device, meaning if power is lost, the unit defaults to a closed state.
- No adjustment necessary! Simple termination and installation.
- Applications include – direct pilot (#72 orifice) and pneumatic valve operation.
- This solenoid is compatible with all SureFire BMS controllers.

Specifications

- Voltage - 12 VDC
- Power - 0.55 Watts
- Simple 2 wire termination

Certifications

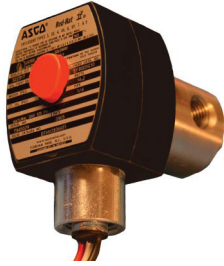
- Explosion proof stainless steel
- Class I, Div. I, Groups A, B, C & D
- Class II, Div. I, Groups E, F, & G



over **300**
MILLION HOURS
of safe burner control



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1/4" ASCO Latching Solenoid

Part #: 51900600

- Used to control pneumatic valve operation.
- 1/4" NPT.
- Designed for use with the SureFire BMS-350 controller.



Pressure Switch

Part #: 51901001

- The pressure switch can be used to:
 - * Sense loss of fuel gas and initiate system shut down
 - * Sense if gas is being vented and initiate system shut down.
 - * Provide operation flexibility: switch can be set as normally open or normally closed.
- The pressure switch is compatible with all SureFire controllers.



Slow Flow Valve

Part #: 51901043

- Reduces the inrush of fuel gas into the diaphragm valve for smooth and reliable ignition.
- Required on all pilotless installations when not using an actuator valve.
- Recommended for piloted installations to assure optimum performance and reliability.



Coalescing Filter

Part # 51909050

- Designed to remove 99.97% of particles in the 0.3 to 0.6 micron range.
- Absolute removal rating at 0.75 micron level.
- 99.98% efficient at removing oil "aerosols" from compressed air.



RTD

- Resistance Temperature Detector (RTD)
- Used to detect the process temperature.
- Temperature range is 0°F — 500°F.
- Simple three wire termination.
- Available in the following sizes: 5", 6", 9", 12", and 18".
- Used with the SureFire BMS-300 and BMS-350 controllers.



Thermocouple

- Type K thermocouple used to detect the process temperature.
- Temperature range is 32°F — 2400°F and is set in conjunction with the BMS-350 controller.
- Simple two wire termination.
- Available in the following sizes: 6" and 9".

Please Contact SureFire for appropriate product part number.

Other Products sold at SureFire

- 120V AC to 12V DC Converter
Part # 51903001
- Coalescing Filter Replacement Element
Part # 51909052
- Fiberglass Battery Enclosure
Part # 51900052- (While Supplies Last)
- Peter Paul .83Watt Solenoid Valve
Part # 51900603- (While Supplies Last)

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