Energy products

Liquid fuel staging valve
C236435

One-inch tube size, 95 to 140 vdc, solenoid actuated (SA)

Meggitt’s one-inch poppet style liquid fuel staging valve is used on a variety of aero-derivative industrial gas turbine engines. With millions of field operating hours, this design continues to prove the high reliability of Meggitt technology.

Specifications

Function: Liquid fuel staging for aero-derivative turbine engine control
Type: Two position, normally open, poppet, solenoid actuated
Physical size: 3.70” x 5.84” x 15.49” high
Weight: 26.8 pounds
Fluid connection type: 1” pipe, SAE J534P60
Line pressure: 0 to 1200 psig; 0 to 800 psid across closed valve
Fluid temperature: -20 to 150°F
Ambient temperature: -40 to 250°F

Performance:
- Operating speed: Less than 150 msec full stroke response
- Internal leakage: ANSI/FCI 70-2 class V
- Pressure drop: 5 psid at 12 gpm

Electrical:
- Solenoid: 95 to 140 VDC, 1 ampere maximum
- Closed position indicating switch: 10 to 32 VDC, SPDT

Key features

- Fail-safe closed (de-energized)
- Closed position indicating switch circuit
- 150 msec full stroke response time
- Used on both DLE and SAC turbine engines
- Non incendiary design, CSA/UL certified for NEC class 1, division 2, group D, T2C CE-ATEX group II, category 3, zone 2, EEx nC II T2, CE-PED certified
- All stainless steel valve and body materials for NACE compliance
- No maintenance required under normal conditions

Meggitt Control Systems
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Key dimensions

NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES.

Contact

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Meggitt Control Systems

Our product competencies & services:
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
Ground fueling products | Energy products | Aftermarket services