Energy products

Flow shutoff valve
C327935

1½ inch flange, 24 vdc, solenoid pilot actuated (SPA)

Meggitt’s 1½ inch poppet style gas flow shutoff valve is designed for use on industrial gas turbine engines. This product is very similar to the 2 inch, C327845, Flow Shutoff Valve, except with a 1½ inch flow body.

Specifications

Function: Fail-safe fuel gas flow shutoff for gas turbine engines
Physical size: 9.95” flange to flange, 15.19” high
Weight: 85 pounds maximum
Flange type: 1.5” ANSI B16.5 CL 600 raised face flanges
Line pressure: 0 to 1000 psig
Fluid temperature: −20 to 350°F

Performance:
Flow: 0 to 3.0 pounds/sec natural gas
Leakage: ANSI class V
Operating time: 100 msec fail-safe closed (de-energized); 200 msec to fully open
Ambient temperature: −65 to 150°F

Electrical:
Solenoid: Continuous duty, 24 VDC nominal (20 to 28 VDC), 2 amperes maximum
Closed position indicating switch: 28 VDC, 2.5 amperes, 3-wire, SPDT

Key features

• Fail-safe closed (de-energized)
• Closed position indicating switch
• 100 msec fail-safe closing time
• 200 msec opening time
• High temperature poppet seal
• Used on both DLE and SAC turbine engines
• Explosion proof design, CSA/UL certified for NEC class 1, division 1, groups C and D, temp code T4, CE zone 1, EExd IIB, CE-ATEX and PED certified
• All stainless steel valve and body materials for NACE compliance
• No maintenance required under normal conditions

Meggitt Control Systems
Energy products

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Key dimensions

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