Energy products

Flow shutoff valve
C327845

Two-inch flange, 24 vdc, solenoid pilot actuated (SPA)

Meggitt’s two-inch poppet style gas flow shutoff valve is in use on a variety of industrial gas turbines with millions of field operating hours. This product continues to prove the high reliability of Meggitt design technology.

Specifications

Function: Fail-safe fuel gas flow shutoff for gas turbine engines
Physical size: 9.00” flange to flange, 15.19” high
Weight: 80 pounds maximum
Flange type: 2” ANSI B16.5 CL 600 raised face flanges
Line pressure: 0 to 1000 psig
Fluid temperature: 32 to 350°F
Ambient temperature: −65 to 150°F

Performance

Flow: 0 to 3.5 pounds/sec natural gas, Cv = 55
Leakage: ANSI class V
Operating time: 100 msec fail-safe closed (de-energized); 200 msec to fully open
Pressure drop (full open): 11 psid maximum at 80°F and 3.5 pounds/second flow

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
• For use 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, EEExd IIB, CE-ATEX and PED certified
• All stainless steel valve and yoke materials for NACE compliance
• No maintenance required under normal conditions

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
Energy products

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Key dimensions

NOTE: DIMENSIONS SHOWN ARE IN INCHES (MIN).

Contact

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