Energy products

Flow shutoff valve
C329305

Two-inch flange, 125 vdc, solenoid pilot actuated (SPA)

Meggitt’s two-inch poppet style gas flow shutoff valve is in use on a variety of industrial gas turbine engines. Millions of field operating hours continue to prove the high reliability of Meggitt design technology.

Specifications

Function: Fail-safe fuel gas flow shutoff for aero-derivative gas turbine engines
Physical size: 9.95” flange to flange, 15.19” high
Weight: 85 pounds maximum
Flange type: 2.0” ANSI B16.5 CL 600 raised face flanges
Line pressure: 0 to 1000 psig
Fluid temperature: 32 to 380°F
Ambient temperature: −65 to 220°F

Performance:

Flow: Linear trim, 0 to 6.1 pounds/sec natural gas, Cv = 55
Leakage: ANSI class V
Operating time: 100 msec full stroke response, 100 msec fail-safe closed [de-energized]

Electrical:

Solenoid: Continuous duty, 125 VDC nominal (95 to 140 VDC), 0.43 ampere at 140 VDC and −65EF
Closed position indicating switch: 125 VDC, 3-wire, SPDT

Key features

- Fail-safe open (de-energized)
- Closed position indicating switch
- 100 msec full stroke response 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 zone1, 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: DIMENSIONS SHOWN ARE IN INCHES

Contact

Meggitt Controls
12838 Saticoy St
North Hollywood
California 91605-3505
USA

Telephone: (818) 765-8160
FAX: (818) 759-2194
www.meggitt.com