Energy products

Gas staging valve
C329245

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

Meggitt’s one-inch poppet style gas fuel staging valve is in use 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: Gas fuel burner staging for aero-derivative turbine engine control
Type: Two position, normally open, poppet, solenoid actuated
Physical size: 3.50” x 4.53” x 12.3” high
Weight: 26 pounds
Fluid connection type: 1” pipe, GE J534P58
Line pressure: 0 to 560 psia
Fluid temperature: 0 to 300°F maximum
Ambient temperature: 20 to 300°F

Performance:

Operating speed: Less than 150 msec full stroke response
Internal leakage: 0.1 pph maximum at all operating conditions
Pressure drop: 6.0 psid at 194 psia, 75°F and 360 pph air flowing through a single fitting

Electrical:

Solenoid: 95 to 140 VDC, 1 ampere maximum
Position indicating switch: 10 to 32 VDC, SPDT
Electrical connector: M83723/83G1407N

Key features

- Fail-safe open [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, temp code T2C
- All stainless steel valve and body 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: ALL DIMENSIONS SHOWN ARE IN INCHES.

Contact

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smart engineering for extreme environments