Energy products

Gas and liquid shutoff valve
C422425, C422685, C422695, C422705

½-inch port, 24 vdc, solenoid operated

Meggitt’s ½-inch direct solenoid operated gas shutoff valve is designed for use in fuel gas, air, and liquid control systems. This product offers a very high degree of reliability in fluid control systems.

Specifications

Function: Gas shutoff or vent valve for turbine engines
Physical size: 5.75” diameter, 9.81” high
Weight: 30 pounds
Pipe size: ½ inch NPT
Line pressure: 0 to 1500 psi
Fluid temperature: −40 to 400°F
Ambient temperature: −40 to 212°F

Electrical:
- Voltage: 24 VDC nominal (20 to 28 VDC range), 1 ampere maximum at 25 VDC, continuous duty
- Position indicating switch:
  - C422425 – Normally open valve with open position switch
  - C422695 – Normally closed valve with closed position switch
  - C422685 – Normally open valve without position switch
  - C422705 – Normally closed valve without position switch

Leakage: ANSI class VI

Key features

- Fail-safe closed or failsafe open [either available]
- Explosion proof design, CSA/UL, and CE-ATEX certified
- All steel materials for NACE 2002 compliance
- No maintenance required under normal conditions
- Direct acting design for high reliability
- Cv = 2.7

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

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