Energy products

Multiple solenoid valve manifold
EA100716E

24 to 50 volts pwm, solenoid actuated

This valve manifold contains three solenoid valves, which direct pneumatic signals to the associated bleed valves.

Specifications

- **Pneumatic medium:** Engine Air
- **Weight:** 2.5 kilograms (5.5 pounds)

**Performance:**
- Minimum operating pressure: 92.4 kN/m² (13.4 lbf/in²)
- Maximum operating pressure: 1,924 kN/m² (279.4 lbf/in²)
- Maximum ambient temperature: 150°C (302°F)
- Maximum mounting temperature: 200°C (392°F)

**Electrical supply voltage:**
- 24 to 50 volts, pulse width modulation (PWM)
- **Current:** 150 milliamperes maximum

**Operational modes:**
- **Solenoid not energized:** Inlet union connected to bleed valve supply unions (bleed valve open)
- **Solenoid energized:** Bleed valve supply unions connected to body exhaust vents (bleed valve closed)

**Unions:**
- IP unions: 1/2 inch-20-UNS
- HP unions: 5/8 inch-18-UNS
- Inlet unions: 13/16 inch-16-UNS

Key features

- Excellent corrosion resistance
- Fail-safe open
- High reliability – designed to aerospace standards
- Dual redundancy
- 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

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