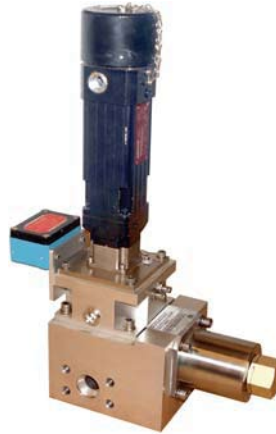


Energy products

Liquid metering valve C236765

1½ inch tube size, 150 to 200 vdc,
electromechanically actuated (EMA)



Meggitt's spool and sleeve style liquid fuel metering valves are in use on a variety of aero-derivative gas turbines. With many years of successful field operation, this design demonstrates the reliability of Meggitt EMA technology.

Specifications

Function:	Precision liquid fuel metering for aero-derivative turbine engine control
Physical size:	14.79" x 6.00" x 21.75" high
Weight:	60 pounds
Fluid connection type:	1.5" pipe, code 61, SAE J518
Line pressure:	100 to 1500 psig
Fluid temperature:	-4 to 176°F
Ambient temperature:	-40 to 158°F
Performance:	
Flow:	Linear trim, 0 to 85 gpm
Drain bypass flow:	125 gpm maximum
Operating speed:	Less than 200 msec full stroke response
Internal leakage:	0.425 gpm or less at 100 psid
Electrical:	
Motor:	Steady state, 150 to 200 VDC, 0.50 ampere; 10 amperes maximum transient for 100 msec
Resolver:	4 VAC, 25 to 60 ma maximum
Closed position indicating switch:	20 to 32 VDC, SPDT

Key features

- Accuracy, ±5% at 3.0 to 85 gpm
- High speed brushless DC servo motor performance, 20 Hz frequency response
- 200 msec full stroke response time
- Used on SAC and dual fuel turbine engines
- UL certified for NEC class 1, division 1, groups C and D, temp code T4, CE-PED certified; ATEX zone 1, group IIB, EExd T4; IP54
- All stainless steel valve and yoke materials for NACE compliance
- No maintenance required under normal conditions

Meggitt Control Systems

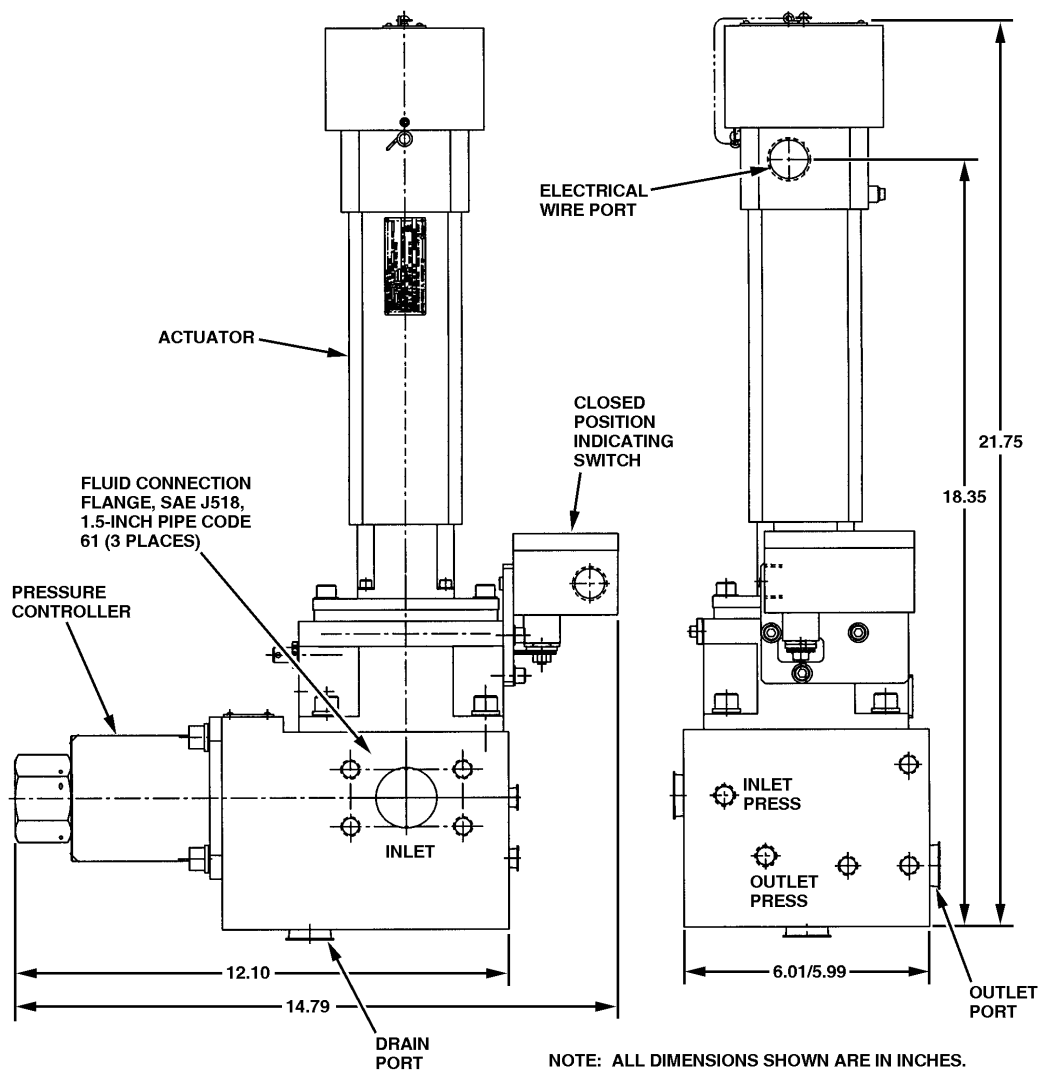
Our product competencies & services:
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
Ground fueling products | **Energy products** | Aftermarket services

MEGGITT
smart engineering for
extreme environments

Energy products

Liquid metering valve C236765

Key dimensions



Contact

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Meggitt Control Systems

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