

Liquid fuel valve series

5002006, 5002007, 5002421, 71500147

All-electric acutated liquid fuel valve series. Multiple valve options flowing up to 10,000 PPH



Key features

- 1-20 MW applications
- High reliability reduces the total cost of operation / ownership
- Customized calibration
- Wide operating temperature range
- Fail safe operation
- Certified for hazardous area environments

Liquid valves from Meggitt contain no hydraulic, pneumatic or bulky mechanical parts that require frequent maintenance, adjustment or replacement. The heart of Meggitt VL liquid valve is its proportional linear actuator. This all-electric actuator and its circuitry are integrated within the valve housing, making it compact and efficient. Each valve is configured for a specific engine type and application, in order to match supply pressure and manifold conditions. The unique onboard bypassing delta-p regulator maintains flow accuracy over a wide range of supply pressures. Available in aluminum, stainless steel, explosion proof, and non-explosion proof configurations.

Specifications

Function	All electric liquid fuel metering valve
Application	1 – 20 MW gas turbine
Physical size	4.68” wide, 10.61” high
Weight	20 lbs aluminium, 37 lbs stainless steel
Flange type	Straight MS type
Line pressure	1,000 psig max (configuration dependent)
Bypass outlet pressure	10 psig max
Fuel temperature	-40° F to 200° F
Ambient temperature	-40°F to 200°F
Control/feedback interfaces	0 to 5 VDC, 4 to 20 mA / 0 to -5 VDC, 4 to 20 mA
Performance	
Flow	0.85 CV (configuration dependent)
Operating time	<150 msec (configuration dependent)
Electrical	
Input voltage	24 VDC nominal
Current	700 mA typical, 1 A max
Certifications	CSA, CE

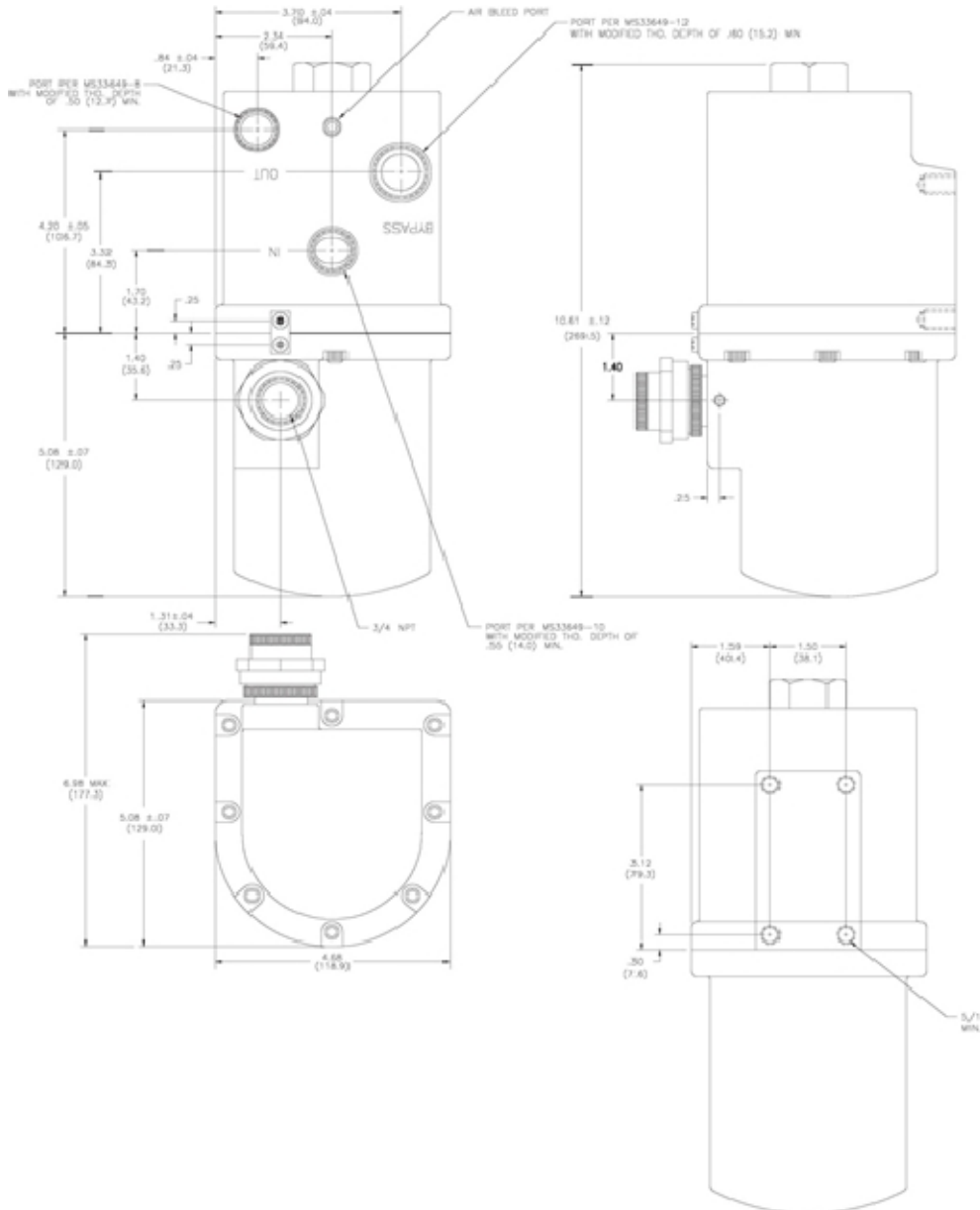
Meggitt Control Systems

Our product competencies and services:
Aerospace valves | Thermal management solutions | Electromechanical products | Ducting | Ground fuelling products | **Industrial controls** | Aftermarket services | Safety systems

MEGGITT
smart engineering for
extreme environments

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