

## Energy products

# Liquid fuel staging valve C236435

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



Meggitt's one-inch poppet style liquid fuel staging valve is used 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

<b>Function:</b>	Liquid fuel staging for aero-derivative turbine engine control
<b>Type:</b>	Two position, normally open, poppet, solenoid actuated
<b>Physical size:</b>	3.70" x 5.84" x 15.49" high
<b>Weight:</b>	26.8 pounds
<b>Fluid connection type:</b>	1" pipe, SAE J534P60
<b>Line pressure:</b>	0 to 1200 psig; 0 to 800 psid across closed valve
<b>Fluid temperature:</b>	-20 to 150°F
<b>Ambient temperature:</b>	-40 to 250°F
<b>Performance:</b>	
<b>Operating speed:</b>	Less than 150 msec full stroke response
<b>Internal leakage:</b>	ANSI/FCI 70-2 class V
<b>Pressure drop:</b>	5 psid at 12 gpm
<b>Electrical:</b>	
<b>Solenoid:</b>	95 to 140 VDC, 1 ampere maximum
<b>Closed position     indicating switch:</b>	10 to 32 VDC, SPDT

### Key features

- Fail-safe closed (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, T2C CE-ATEX group II, category 3, zone 2, EEx nC II T2, CE-PED certified
- All stainless steel valve and body materials for NACE compliance
- No maintenance required under normal conditions

## Meggitt Control Systems

### Our product competencies & services:

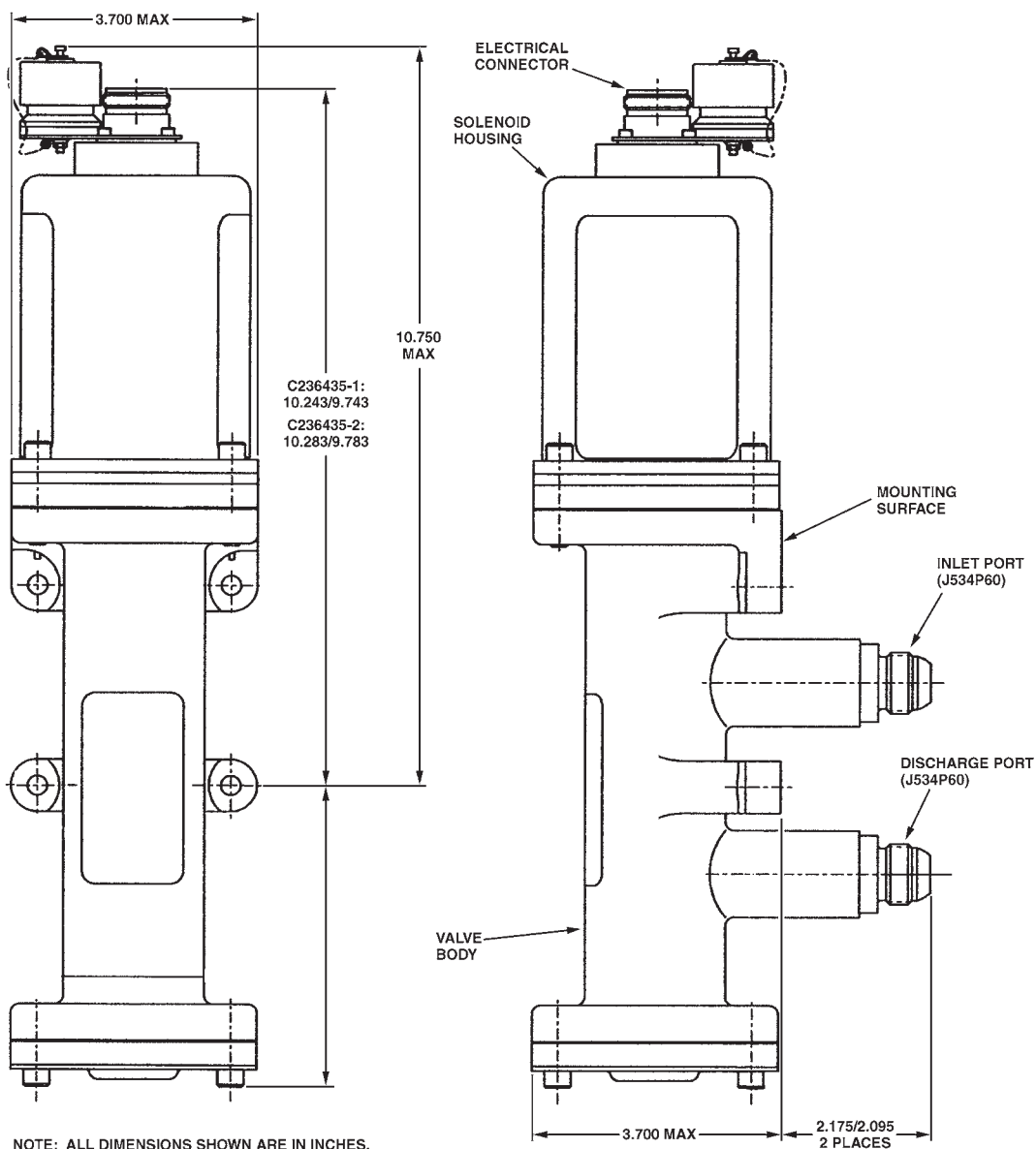
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smart engineering for  
extreme environments

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# Fuel staging valve C236435

## Key dimensions



## Contact

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