

## Energy products

# Gas staging valve C329245

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



Meggitt's one-inch poppet style gas fuel staging valve is in use 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>	Gas fuel burner staging for aero-derivative turbine engine control
<b>Type:</b>	Two position, normally open, poppet, solenoid actuated
<b>Physical size:</b>	3.50" x 4.53" x 12.3" high
<b>Weight:</b>	26 pounds
<b>Fluid connection type:</b>	1" pipe, GE J534P58
<b>Line pressure:</b>	0 to 560 psia
<b>Fluid temperature:</b>	0 to 300°F maximum
<b>Ambient temperature:</b>	20 to 300°F
<b>Performance:</b>	
<b>Operating speed:</b>	Less than 150 msec full stroke response
<b>Internal leakage:</b>	0.1 pph maximum at all operating conditions
<b>Pressure drop:</b>	6.0 psid at 194 psia, 75°F and 360 pph air flowing through a single fitting
<b>Electrical:</b>	
<b>Solenoid:</b>	95 to 140 VDC, 1 ampere maximum
<b>Position indicating switch:</b>	10 to 32 VDC, SPDT
<b>Electrical connector:</b>	M83723/83G1407N

### Key features

- Fail-safe open (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, temp code T2C
- All stainless steel valve and body 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

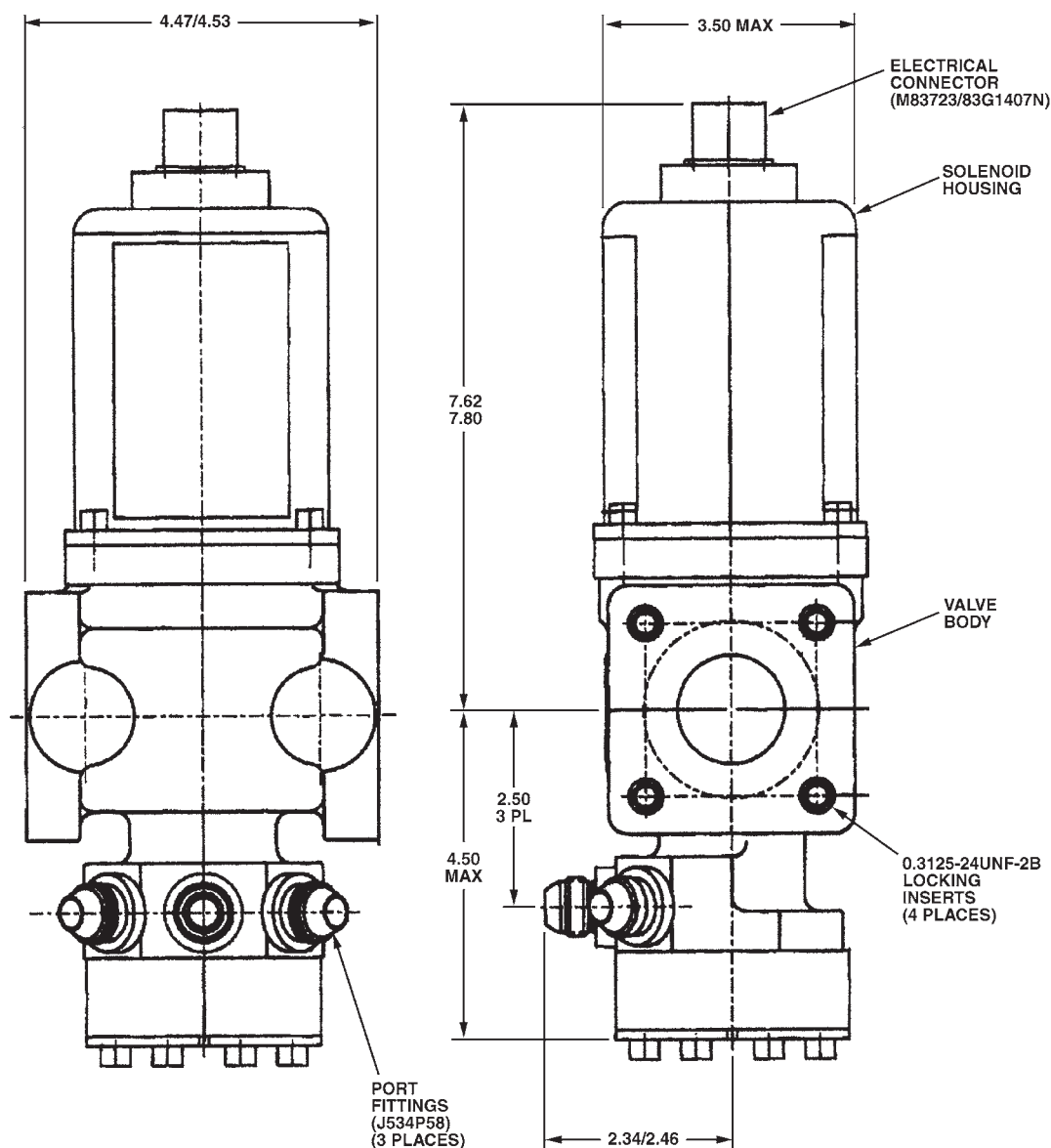
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smart engineering for  
extreme environments

Energy products

# Gas staging valve

## C329245

### Key dimensions



NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES.

### Contact

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