

Energy products

Gas fuel staging valve

C329235

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 industrial gas turbine engines. With millions of field operating hours, this design continues to prove the high reliability of Meggitt design technology.

Specifications

Function:	Gas fuel burner staging for aero-derivative turbine engine control
Type:	Two position, three way, normally open, poppet, solenoid actuated
Physical size:	3.50" x 4.50" x 12.21" high
Weight:	26 pounds
Fluid connection type:	1" pipe, GE J534P58
Line pressure:	0 to 560 psia
Fluid temperature:	0 to 300°F maximum
Ambient temperature:	20 to 300°F
Performance:	
Operating speed:	Less than 150 msec full stroke response
Internal leakage:	0.1 pph maximum at all operating conditions
Pressure drop:	6.0 psid at 194 psia, 75°F and 360 pph air flowing through a single fitting
Electrical:	
Solenoid:	95 to 140 VDC, 1 ampere maximum
Position indicating switch:	10 to 32 VDC, SPDT
Electrical connector:	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

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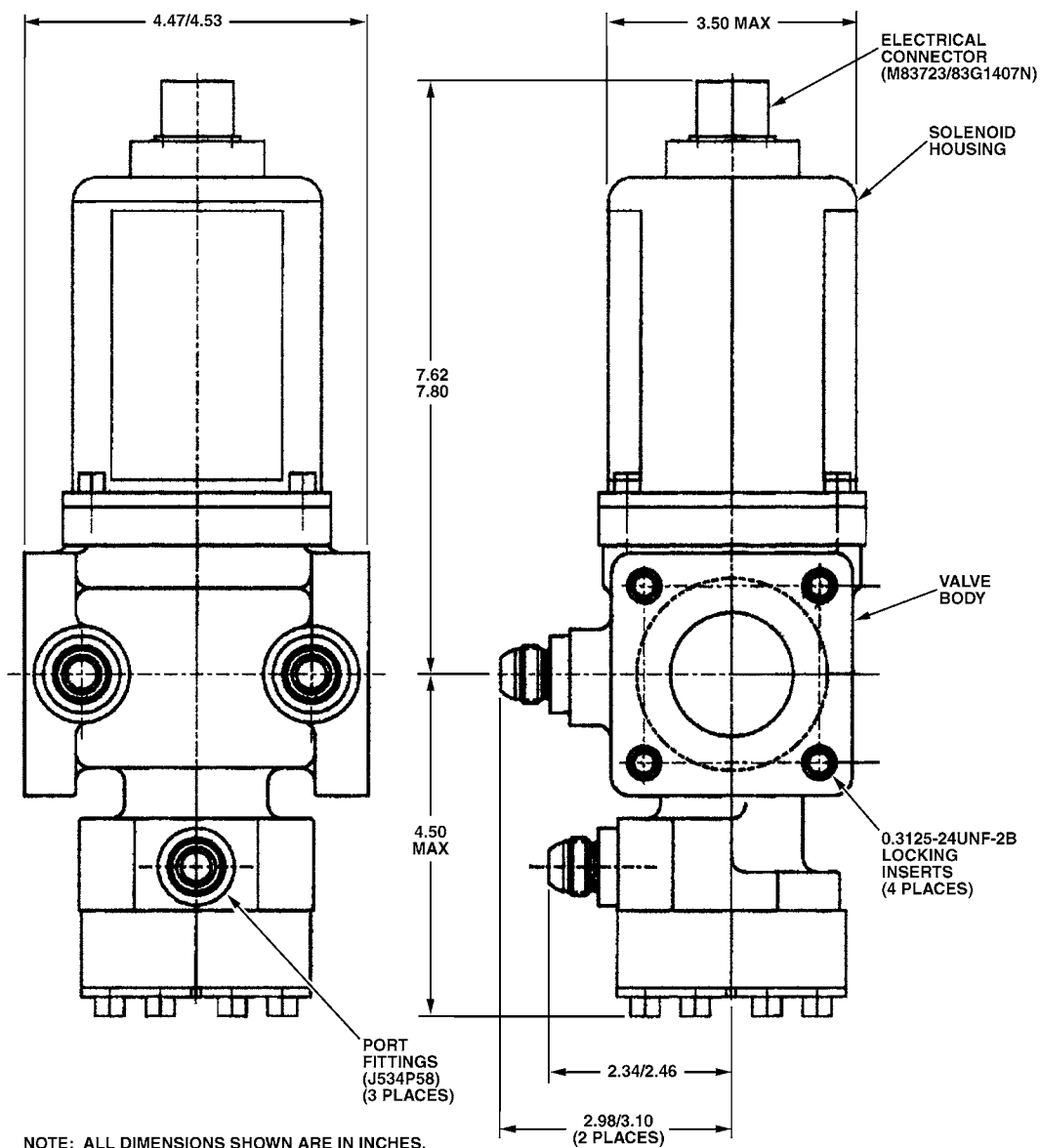
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 smart engineering for
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Energy products

Fuel staging valve C329235

Key dimensions



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