

## Energy products

# Gas metering valve C329465

Two-inch flange,  
electro-hydraulic  
servo actuated (EHA)



Meggitt's two-inch right angle style fuel control valve is in use on aero-derivative industrial gas turbine engines. With extensive on-turbine operating time, this design continues to prove the high reliability of Meggitt technology.

### Specifications

<b>Function:</b>	Precision gas flow control for aero-derivative turbine engine control
<b>Physical size:</b>	6.5" wide, 8.23" deep, 26.48" long
<b>Weight:</b>	57 pounds maximum (dry)
<b>Flange type:</b>	2" ANSI B16.5 CL 300 raised face flanges
<b>Line pressure:</b>	0 to 700 psig
<b>Fluid temperature:</b>	-65 to 300°F
<b>Ambient temperature:</b>	-65 to 250°F
<b>Performance:</b>	
<b>Flow:</b>	300 to 22,000 pounds/hour, natural gas
<b>Leakage:</b>	ANSI class IV
<b>Operating time:</b>	200 msec full stroke response (opening or closing), 250 msec fail-safe closed
<b>Electrical:</b>	
<b>Servo valve:</b>	3 coils, 80 ma/coil for maximum flow
<b>LVDT:</b>	Excitation, 7.07 (±0.14) volts rms, 3000 (±300) Hz
<b>Variations:</b>	Outlet orientation direction optional (90E increments), fail open or fail closed

### Key features

- Accuracy, ±2% of flow point
- Fail-safe open (C329465-1 and C329465-3; fail-safe closed (C329465-2 and C329465-4)
- Three-coil servo valve
- Used on both DLE and SAC turbine engines
- Explosion proof design, CSA/UL, and CENELEC zone1, EExd IIA
- All stainless steel valve and yoke materials for NACE compliance

## Meggitt Control Systems

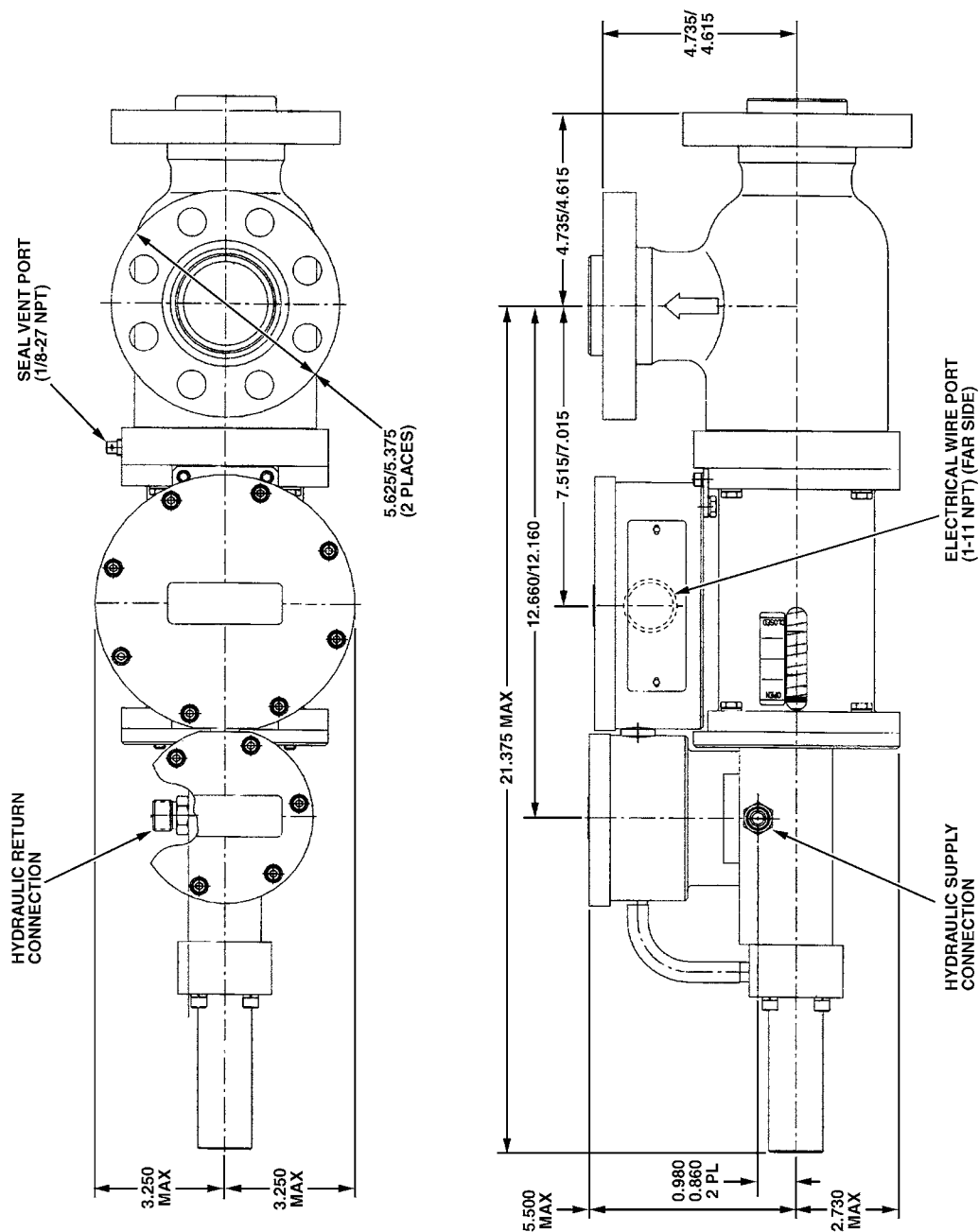
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smart engineering for  
extreme environments

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# Gas metering valve C329465

Key dimensions



Contact

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Meggitt Control Systems

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