

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

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

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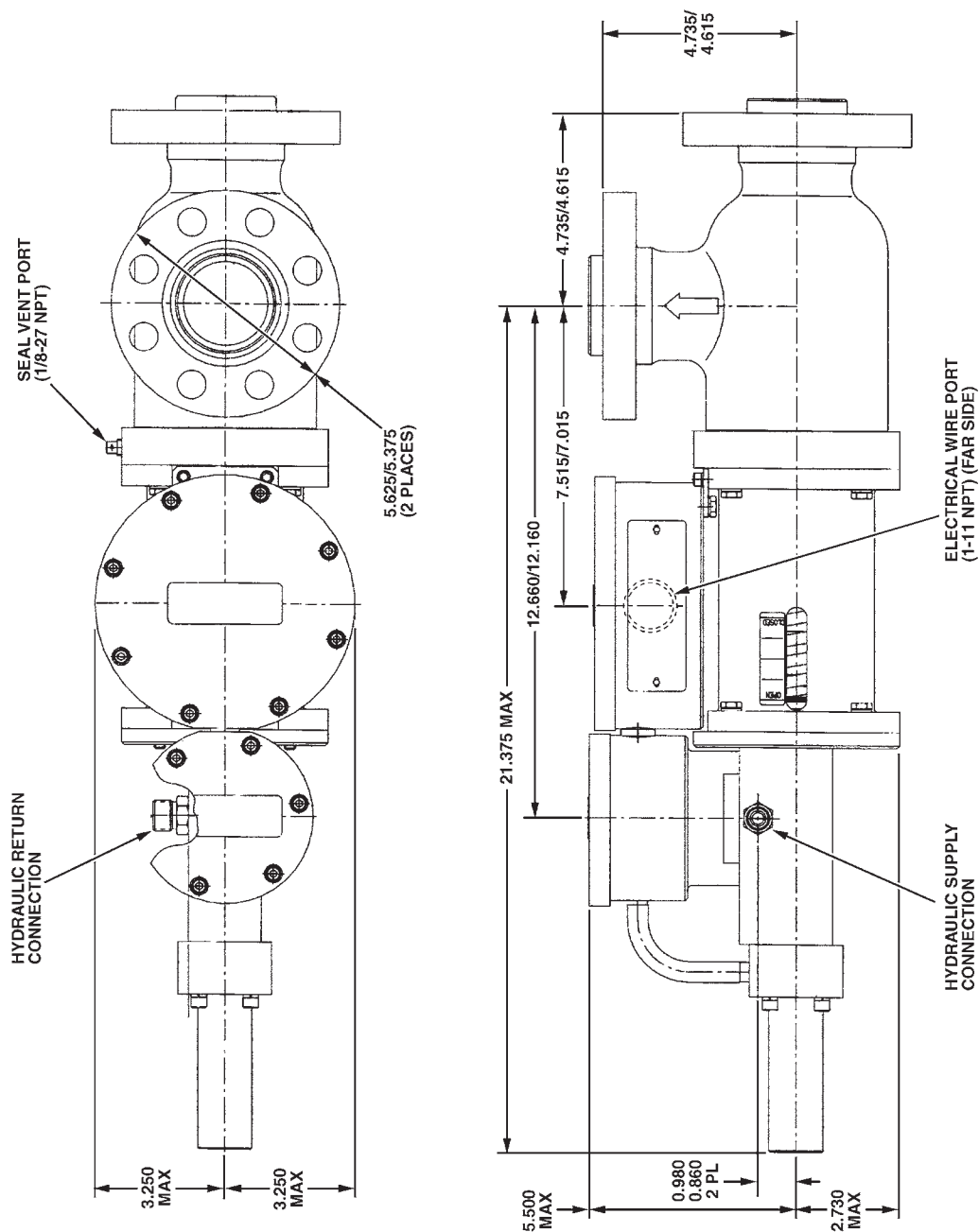
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smart engineering for
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Key dimensions



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