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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Key dimensions

Contact

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