Meggitt’s two-inch right angle sleeve style gas metering valve is in use on a variety of large frame industrial gas turbine engines. With millions of field operating hours, this design continues to prove the reliability of Meggit EMA technology. Now available with quick change electrical cables and connectors.

**Specifications**

**Function:** Precision fuel gas metering for aero-derivative turbine engine control

**Physical size:** 10.3” wide, 5.56” deep, 29.0” long

**Weight:** 95 pounds [estimated, dry]

**Flange type:** 2” ANSI B16.5 CL 600 raised face flanges

**Line pressure:** 200 to 700 psia

**Fluid temperature:** –40 to 300°F

**Ambient temperature:** –65 to 220°F, 350°F maximum transient

**Internal leakage:** ANSI class IV

**Operating time:** Less than 400 msec full stroke response, 300 msec fail-safe closed

**Motor:** Steady state, 90 to 140 VDC, 0.30 ampere steady state; 7.0 amperes maximum peak

**Resolver:** 4 VAC, 25 to 60 ma maximum

**Thermostat:** Opens at 329 to 347°F, resets at 251 to 270°F

**LVDT:** Excitation – 7.07 (±0.14) VRMS, 3000 (±300) Hz

**Variations:** Outlet orientation direction optional, flow ranges from 80 to 22,000 pph

**Key features**

- Foolproof electrical cables and connectors
- Accuracy, ±1% of flow point
- High speed brushless DC servo motor performance, 20 Hz frequency response
- Less than 400 msec full stroke response time
- Used on both DLE and SAC turbine engines
- Explosion proof design, CSA/UL certified for NEC class 1, division 2, groups C and D, temp code T4, CE Exed 11B, T4, zone 2. CE-ATEX and PED certified. (Cable certification pending.)
- All stainless steel valve and yoke 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**
Energy products

Gas metering valve
C520245

Key dimensions

Contact

Meggitt Controls
12838 Saticoy St
North Hollywood
California 91605-3505
USA

Telephone: (818) 765-8160
FAX: (818) 759-2194

www.meggitt.com