**Energy products**

**Fuel metering system**

**C173165**

90 to 140 vdc, gas turbine engine fuel flow control

Meggitt’s fuel gas flow control components and systems are in use on a variety of gas turbine engines. This engine control system continues to prove the high reliability of Meggitt design technology.

**Specifications**

**Function:** A fully self-contained hydraulically actuated gas fuel metering system. The system is designed to control delivered gas flow to the individual engine manifolds using indirect (calculated) flow control methods.

**Input voltage:** 90 to 140 VDC

**Inlet and outlet connections:** Flanges per ANSI B16.5, two-inch pipe, class 600RF

**Ambient temperature:** 0 to 70°C (32 to 158°F)

**Operating gas pressures:** 200 to 700 psia

**Fluid temperature:** 0 to 300°F

**Hydraulic fluid:** 600 to 1000 psig, 70 to 200°F

**Variations:** Also available skid-mounted for test cell applications

**Key features**

- Two fuel gas isolation shutoff valves
- One fuel metering valve
- Three fuel trim valves
- Four absolute pressure transducers (with associated electrical interface cards)
- Six differential pressure transducers
- One dual element RTD temperature transmitter
- Used on DLE turbine engines
- Explosion proof design, CSA/UL, and CENELEC certified
- No maintenance required under normal conditions

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**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

MEGGITT
smart engineering for extreme environments
Energy products

Fuel metering system
C173165

Key dimensions

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