Meggitt’s three-inch right angle, sleeve style fuel trim valve is designed for use on industrial gas turbine engines.

Specifications

Function:
Precision fuel trim large frame turbine engine control, fail-safe open

Physical size:
11.0" wide, 10.0" deep, 33.0" long

Weight:
145 pounds (maximum, wet)

Flange type:
3" ANSI B16.5 CL 300 raised face flanges

Line pressure:
0 to 720 psig (natural gas); 0 to 440 psig (CDP air)

Actuation pressure (hydraulic fluid):
600 to 1000 psig, 70 to 200°F

Fluid temperature:
300°F maximum (natural gas); 1100°F maximum (CDP air)

Ambient temperature:
–65 to 350°F

Performance:
Flow:
0 to 9460 pounds/hour normal; 11,000 pounds/hour maximum

Pressure drop:
Less than 5 psid at 515 psia, 300°F, 11,000 pounds/hour, fully open

Internal leakage:
Less than 50 pounds/hour at all operating pressures

Operating time:
250 msec opening or closing, fail-safe open within 5 seconds (electrical failure)

Electrical:
Servo valve:
2 coils, 20 to 190 ma

LVDT:
Excitation, 7.07 ±0.14 volts rms, 3000 (±300) Hz

Position indicating switches:
Open and closed, 24 VDC

Key features

- Fail-safe open
- Hydraulic servo valve position control
- Open and closed position indicating switches
- LVDT position feedback
- For use on both DLE and SAC turbine engines
- High temperature gas control [1100°F]
- 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

MEGGITT
smart engineering for extreme environments
Energy products

Fuel trim valve
C327735

Key dimensions

ACTUATOR PORT: 3/8” COMPRESSION FITTING

2.50 (TO ELECTRICAL 2.250 INTERFACE)

29.30/29.05

33.00 MAX

NOTE: DIMENSIONS SHOWN ARE IN INCHES (MM).

Contact

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