Energy products

Fuel metering skid
C173165-2

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

<table>
<thead>
<tr>
<th>Function:</th>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input voltage:</td>
<td>90 to 140 VDC</td>
</tr>
<tr>
<td>Inlet and outlet connections:</td>
<td>Flanges per ANSI B16.5, two-inch pipe, class 600RF</td>
</tr>
<tr>
<td>Ambient temperature:</td>
<td>0 to 70°C [32 to 158°F]</td>
</tr>
<tr>
<td>Operating gas pressures:</td>
<td>200 to 700 psia</td>
</tr>
<tr>
<td>Fluid temperature:</td>
<td>0 to 300°F</td>
</tr>
<tr>
<td>Hydraulic fluid:</td>
<td>600 to 1000 psig, 70 to 200°F</td>
</tr>
<tr>
<td>Shop air supply:</td>
<td>85 to 125 psig</td>
</tr>
<tr>
<td>Variations:</td>
<td>Also available skid-mounted for test cell applications</td>
</tr>
</tbody>
</table>

Key features

- Gas isolation valves
- Fuel metering valve
- Four fuel trim valves
- Absolute pressure transducers (with associated electrical interface cards)
- Differential pressure transducers
- Used on both DLE and SAC turbine engines
- Explosion proof design, CSA/UL, and CENELEC certified
- 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

Fuel metering skid
C173165-2

Key dimensions

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NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES.