

Energy products

# Fuel metering system

## C173445

90 to 140 vdc, turbine engine fuel flow control



Meggitt's gas fuel flow control components and systems are in use on a variety of industrial gas turbine engines. This system provides ultra reliable fuel metering for OEM engines.

Specifications

<b>Function:</b>	A fully self-contained electrically operated gas fuel metering skid. The system is designed to control delivered gas flow to the SAC manifold using indirect (calculated) flow control methods.
<b>Input voltage:</b>	90 to 140 VDC
<b>Inlet connection:</b>	Fitting end per MS33656-32
<b>Outlet connection:</b>	Flange per ANSI B16.5, two-inch pipe, class 600RF
<b>Operating pressure range:</b>	200 to 700 psia at 0 to 300°F
<b>Ambient temperature:</b>	-54 to 105°C (-65 to 221°F)
<b>Operation:</b>	Natural gas is applied to the fuel inlet from the facility supply system. Fuel flow through the fuel metering skid is initiated by electrically commanding the gas isolation valve to open. The fuel metering valve is precisely modulated to control the flow of natural gas fuel to the engine combustor manifold. The fuel metering valve responds to position commands received via the motor controller.
<b>Variations:</b>	Customizable to suit many customer applications.

Key features

- Gas fuel isolation shutoff valve
- Fuel metering valve and associated motor controller
- Absolute pressure transducer (with associated electrical interface card)
- Explosion proof design, CSA/UL, CENELEC and CE-PED certified. ATEX pending.

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

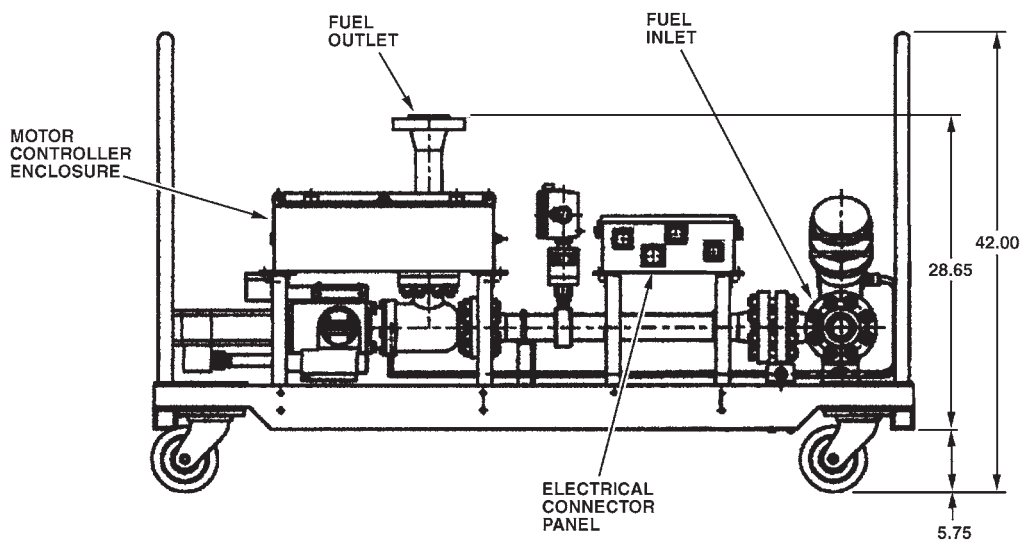
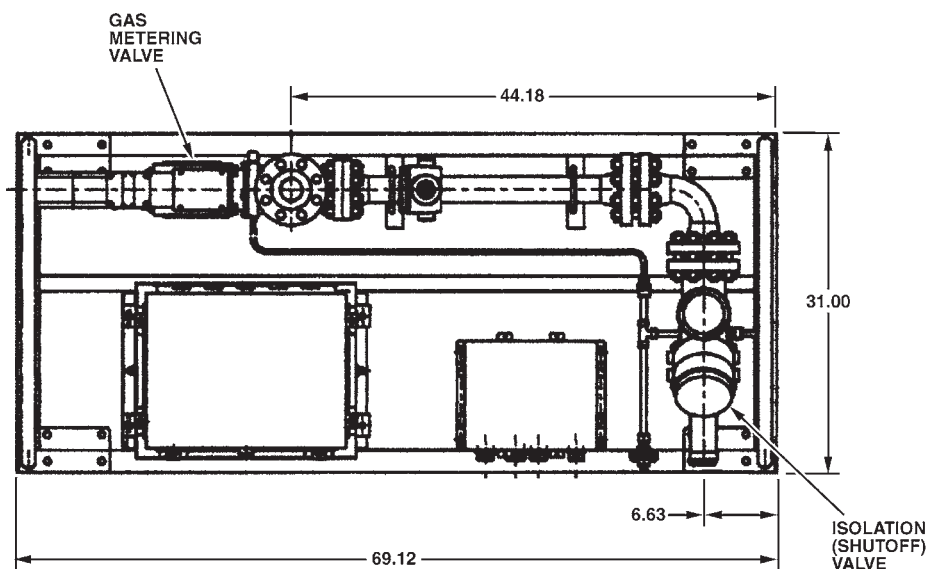
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 smart engineering for  
 extreme environments

Energy products

# Fuel metering skid

## C173445

Key dimensions



NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES.

### Contact

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