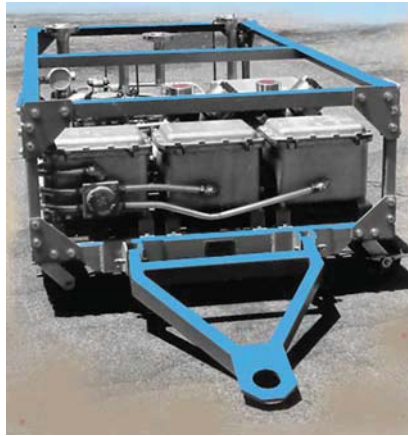


Energy products

Fuel metering system C173535

90 to 140 vdc, gas 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 engine test cells.

Specifications

Function:	A fully self-contained electrically operated gas fuel metering system. The system is designed to control delivered gas flow to the SAC or DLE engine manifolds using indirect (calculated) flow control methods.
Input voltage:	90 to 140 VDC
Inlet and outlet connection:	Flange per ANSI B16.5, two-inch pipe, class 600RF
Ambient temperature:	-54 to 105°C (-65 to 221°F)
Typical applications:	LM1600, LM2500, LM2500+ and LM6000 gas turbine engines
Operation:	Natural gas is applied to the skid gas inlet from the facility supply system. Fuel flow through the fuel metering skid is initiated by electrically commanding the gas actuated gas isolation valves to open and the inter-vent shutoff valve to close. The fuel metering valves are precisely modulated to control the flow of natural gas fuel to the individual engine combustor manifolds. The fuel metering valves respond to position commands received via the motor controllers.
Variations:	Customizable to suit many customer applications.

Key features

- Two gas fuel isolation shutoff valves
- Three fuel metering valves and associated motor controllers
- Inter vent shutoff valve
- Nine absolute pressure transducers (with associated electrical interface cards)
- One dual element RTD gas supply temperature transmitter
- 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

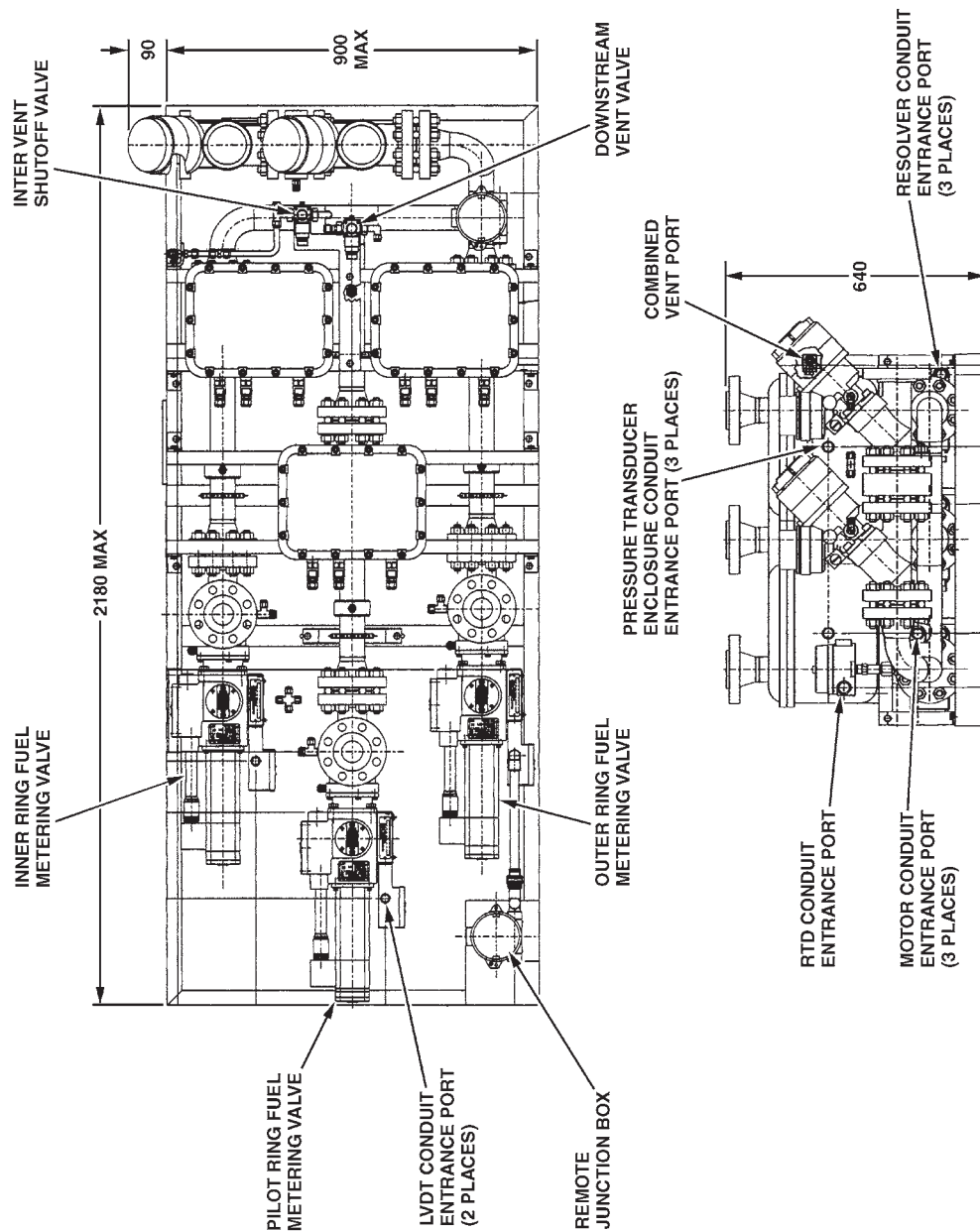
MEGGITT
smart engineering for
extreme environments

Energy products

Fuel metering skid

C173535

Key dimensions



NOTE: DIMENSIONS SHOWN ARE IN INCHES (MM).

Contact

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