

Energy products

Servo motor controller C159980

60 to 600 vdc valve
positioning controller



Meggitt's high power 60 to 600 VDC motor controller is available for use on a variety of industrial valve control applications. Our latest design continues to prove the precision and high reliability of Meggitt EMA technology.

Specifications

Function:	Controller for positioning of precision valves used on aero-derivative and frame turbine engines
Type:	Digital pulse-width modulated servo-amplifier, with closed loop position control card
Physical size:	8.612" wide, 8.0" high, 12.6" deep
Weight:	13.2 pounds
Input voltage:	up to 600 VDC (460 VAC)
Output current:	14 amperes rms, 42 amperes peak
Digital input/output:	0 to 5 VDC
Electrical connections:	Terminal strip, AWG 14 to 22
Position feedback:	Resolver or encoder
Communications:	Protocols – serial port interface RS 232; analog interface 4-20 milliamperes, CAN open, Device Net
Ambient temperature:	0 to 40°C (32 to 104°F)
Remote installation:	Up to 600 feet wire run length from controlled valve The controller consists of a servo amplifier, a position control I/O card and a power converter packaged in a compact unit with readily accessible interface terminations on its top plate. The servo amplifier is mounted on a cold plate for improved heat conduction when enclosure mounted.

Key features

- Exceptional positioning control accuracy and speed when used with Meggitt precision control valves
- Designed for control of high speed 3-phase brushless dc servo motors
- Designed for use on both DLE and SAC turbine engines
- Extensive built in test information, programmable tuning, graphical user interface
- No maintenance required under normal conditions
- Available options: EMI filter, heater explosion proof enclosure and environmental enclosure

Meggitt Control Systems

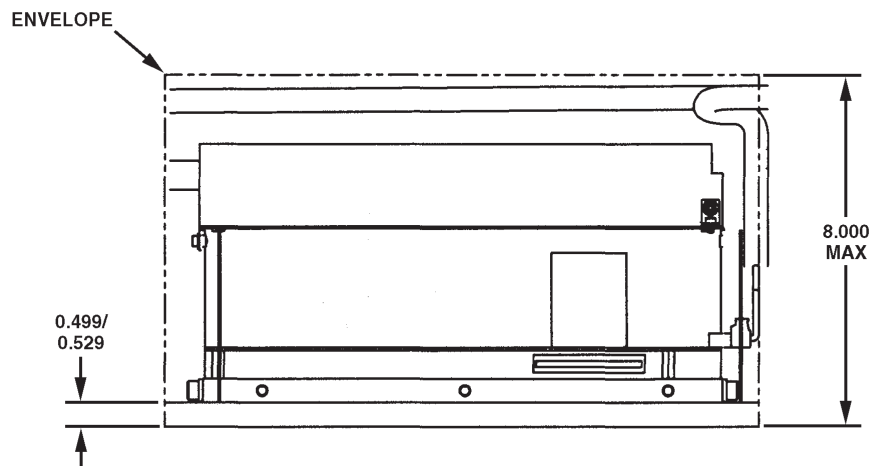
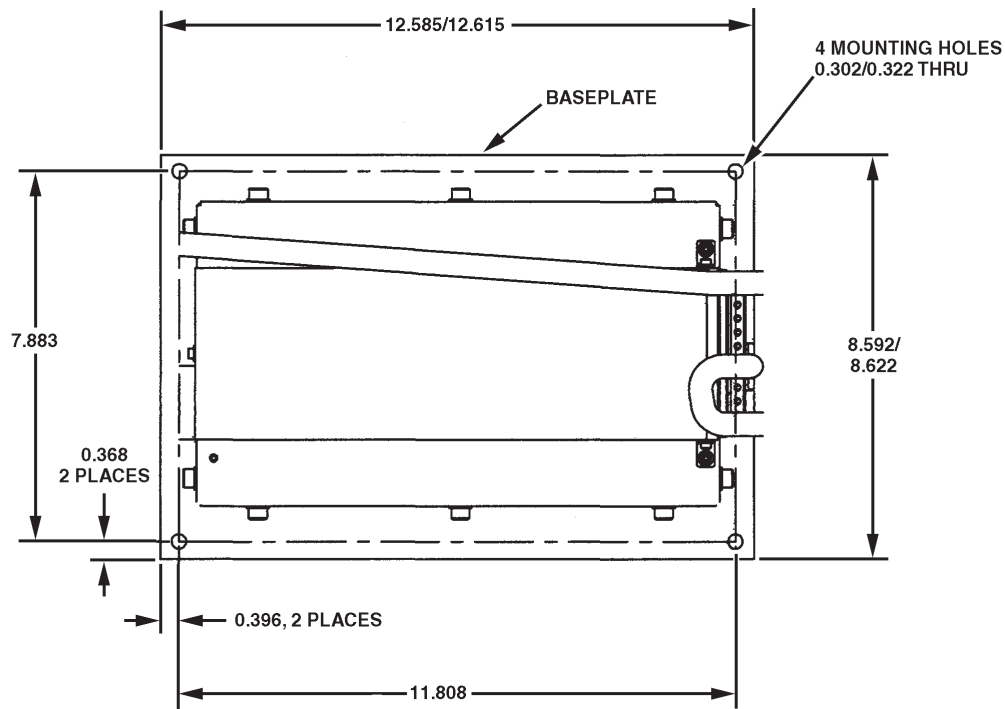
Our product competencies & services:
Aerospace valves | Thermal management solutions | Environmental control systems | Electro-mechanical products
Ground fueling products | **Energy products** | Aftermarket services

MEGGITT
smart engineering for
extreme environments

Energy products

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Key dimensions



NOTE: ALL DIMENSIONS SHOWN ARE IN INCHES.

Contact

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