



Actuators for Power Generation, Heavy Industry and Process Control

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Jordan Controls has developed a new "SMART" actuator designed for use in chemical dosing and other process control applications where continuous modulation and tight accuracy are required.

The GPSA™ is a low thrust, high precision linear actuator. It is capable of producing 200 pounds of force over its 1.38 inch stroke length at a speed of up to .13 inches per second. At a speed of .25 inches per second the unit is capable of producing 100 pounds of thrust.

It can utilize up to three input signals, independently configurable as either current (4-20 ma) or voltage (1-5 V) for control. Two dry contact inputs are available and may be configured to operate as Normally Open or Normally Closed. The actuator provides three output relays which are configurable as to their trigger and to act as NO or NC. A position feedback signal is provided via a 4-20mA transmitter.

A two line, 16 character VFD display and rotary switches comprise the actuators HMI. This provides a user access for viewing and modifying changeable parameters and data feedback.



Features

- Valve and Pump Control
- PI Control
- Explosion-Proof
- Single Phase
- Continuous Modulation
- Adjustable Speed
- Non-intrusive setup and calibration
- Multiple Language Support
- Output characterization
- Configuration Storage
- Input Signal Dampening
- Configurable Set point source
- Configurable Output Relays
- Alarms
- Input Contacts
- Password Protection



Contact Us:



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