

EX200

ACTUATOR POSITIONER



Compact design

Optimised for electro-hydraulic actuators

Simple to use

Accurate positioning made simple

The EX200 is an essential component in the control of electro-hydraulic actuators providing an accurate and flexible positioning system in a compact DIN format.

It offers a low power consumption OEM-friendly solution to actuator control.

KEY FEATURES

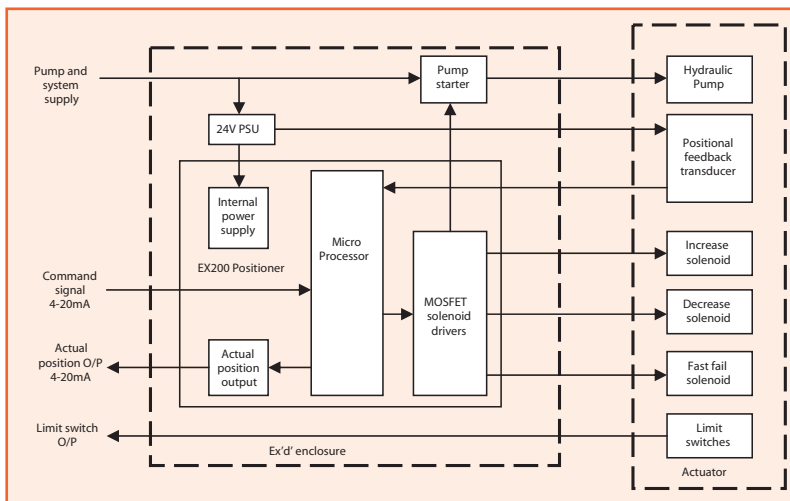
- Simple 2 step calibration
- AC or DC supply
- Compact DIN format
- V or I command signal
- Ideal for OEM use

EX200

ACTUATOR POSITIONER

A FLEXIBLE ELECTRO-HYDRAULIC ACTUATOR CONTROL SYSTEM

The EX200 is an essential component in the control of electro-hydraulic actuators. This compact instrument switches the solenoids of the actuator such that it moves to the position dictated by an incoming analogue command signal. The actual position of the actuator, measured by a position transducer, is conditioned by the EX200 and re-transmitted back to the central control system as a scaled analogue signal. The positioner is calibrated by a simple two-step procedure. Other features include actuator speed control by pulsing the control solenoids, signal break and fault detection with default positioning and hydraulic pump control.



Typical installation for a self contained electro-hydraulic actuator with a fast close facility

MAIN FEATURES

- Simple two-step calibration
- Current command, current or potentiometer feedback
- Actual position 4-20mA calibrated output
- Manual mode
- Stepping mode with adjustable ON and OFF times
- Selectable solenoid drive sense for failsafe operation
- Selectable default operation on signal break
- Signal fail solenoid output
- Fault output
- Hydraulic pump control, on-demand or pressure
- External fault contact monitoring
- Selectable interlock between signal fail and fault outputs
- Low power – normal operation less than 1.5W
- Compact DIN rail mounted enclosure

TECHNICAL SPECIFICATIONS

Power Supply	24vdc
Command Signal	4–20ma, 0–10v
Actual Position Signal	4–20ma
Feedback	3 wire potentiometer 4–20ma



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