

EX200-HART

A SMART CONTROL SYSTEM FOR ELECTRO-HYDRAULIC ACTUATORS



HART HCF V7 protocol data

Optimised for electro-hydraulic actuators

Low power consumption

Remote configuration

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

In addition, it offers HART protocol data on either the command or actual position signals. Certain aspects of the instrument may also be remotely controlled.

The EX200-HART is an OEM-friendly solution to actuator control.

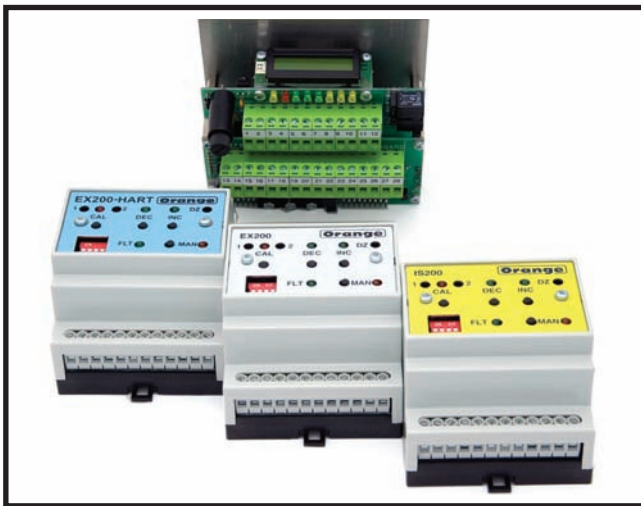
KEY FEATURES

- HART protocol on either position or command signals
- HART Device Specific commands
- Simple 2 step calibration
- AC or DC supply
- Compact DIN format
- V or I command signal
- Ideal for OEM use

EX200-HART

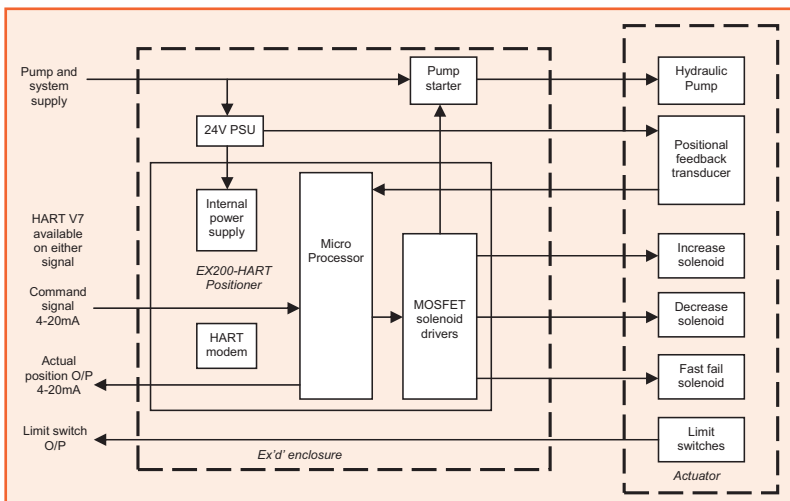
A SMART CONTROL SYSTEM FOR ELECTROHYDRAULIC ACTUATORS

The EX200-HART gives all the functions of the popular EX200 with the addition of HART protocol data on either the actual position or the command signals. The HART commands incorporate all Universal and a selection of Common Practice commands, all conforming to HCF V7. Additional Device Specific commands allow the remote configuration of certain aspects of the instrument. A PC based host application, SW002, is available for setting up the EX200-HART



MAIN FEATURES

- HART protocol data on command or actual position signals
- HART Device Specific configuration commands
- 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



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

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