

# EX200 'C'

COMPACT ACTUATOR POSITIONER IN 316L EXD ENCLOSURE



**Atex Certified 316L Stainless Steel Enclosure System**

**Optimised for electro-hydraulic actuators**

**Simple to use**

**Accurate positioning made simple**

## KEY FEATURES

- 316L Stainless Steel Enclosure
- Rated for Zone 1 or Zone 2
- Simple 2 step calibration
- 24VDC Power supply
- 4-20mA Command Signal
- Actual position 4-20ma output
- V or I feedback signal
- Ideal for OEM Use
- Hart Option Available

The EX200 'C' is a version of the popular EX200 actuator positioner, housed in a compact 316L stainless steel Exd enclosure.

It expands our range of essential components used in the control of electro-hydraulic actuators, providing an accurate and flexible positioning system.

The EX200 'C' is supplied in a complete enclosure system suitable for Zone 1 and 2 hazardous environments.

# EX200 'C'

## COMPACT ACTUATOR POSITIONER IN 316L EXD ENCLOSURE

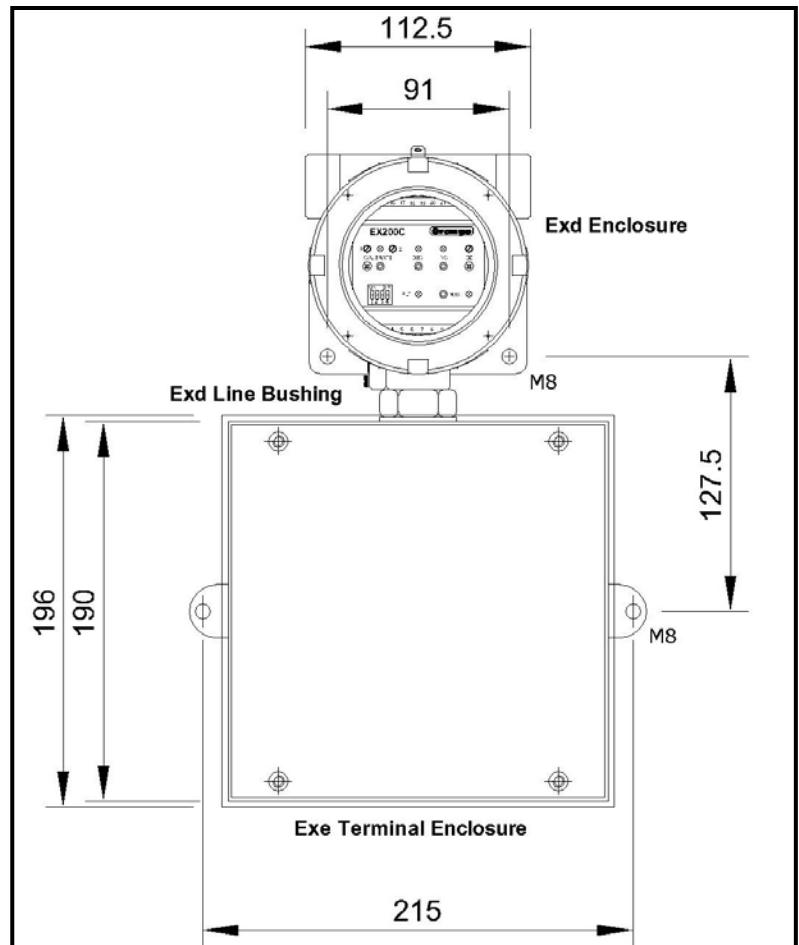
### A FLEXIBLE ELECTRO-HYDRAULIC ACTUATOR POSITIONER IN AN ATEX ENCLOSURE SYSTEM

The EX200 'C' is an essential component in the control of electro-hydraulic actuators. Suitable for Zone 1 or Zone 2 installation, the EX200 'C' is mounted within an EXD2010 316L Exd enclosure, close coupled to a 316L Exe terminal enclosure for ease of cable connection.

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.



### MAIN FEATURES

- Zone 1 or Zone 2 Installation
- Stainless Steel 316L Enclosure System
- Exd/Exe system with Exd line bushing
- No requirement for Barrier Cable Glands
- 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
- Hart Communication option also available

### TECHNICAL SPECIFICATIONS

Power Supply	24VDC
Command Signal	4-20mA
Actual Position Signal	4-20mA
Feedback	3 wire potentiometer 4-20mA
ATEX Directive Marking	Ex II 2 G D
Cable Entries	M20 entries in Bottom or Side faces of Exe enclosure Optional up to 8 per face



**HART**  
COMMUNICATION PROTOCOL

