

# EX210H

# Orange

**INSTRUMENTS LTD**

## ***ADVANCED HYDRAULIC ACTUATOR POSITIONER***

The EX210H is designed specifically to operate with electro-hydraulic actuators. The EX210H provides a reliable and accurate positioning system for valve actuators in a complete enclosure system suitable for Zone 1 and 2 hazardous environments.

### **MAIN FEATURES**

- Zone 1/2 infra red communication interface using an Exia keypad
- Large graphics LCD with comprehensive status and data display
- Three-way galvanic isolation – command in, actual position out and power supply
- Selectable sinking or sourcing actual position 4-20mA output
- Local/remote configuration enable input and open drain status output
- Selectable solenoid drive sense for failsafe operation
- Selectable default operation on command signal/feedback signal break
- ESD solenoid output – 24Vdc open drain
- Fault output – 24Vdc open drain
- Hydraulic pump drive controlled by demand or external pressure sensors
- External fault contact monitoring
- Selectable interlock between ESD and fault outputs
- Stepping mode with adjustable ON and OFF times
- Low power – normal operation less than 2W plus solenoids
- Direct mounting within Compact Exd Enclosure System or within a larger enclosure



Orange Instruments supply bespoke control systems to the oil, petrochemical, gas, coal, nuclear, food and beverage, water treatment and household product sectors of the continuous process industry. We offer a comprehensive design and manufacturing service from concept, through system configuration, to final approval and supply.