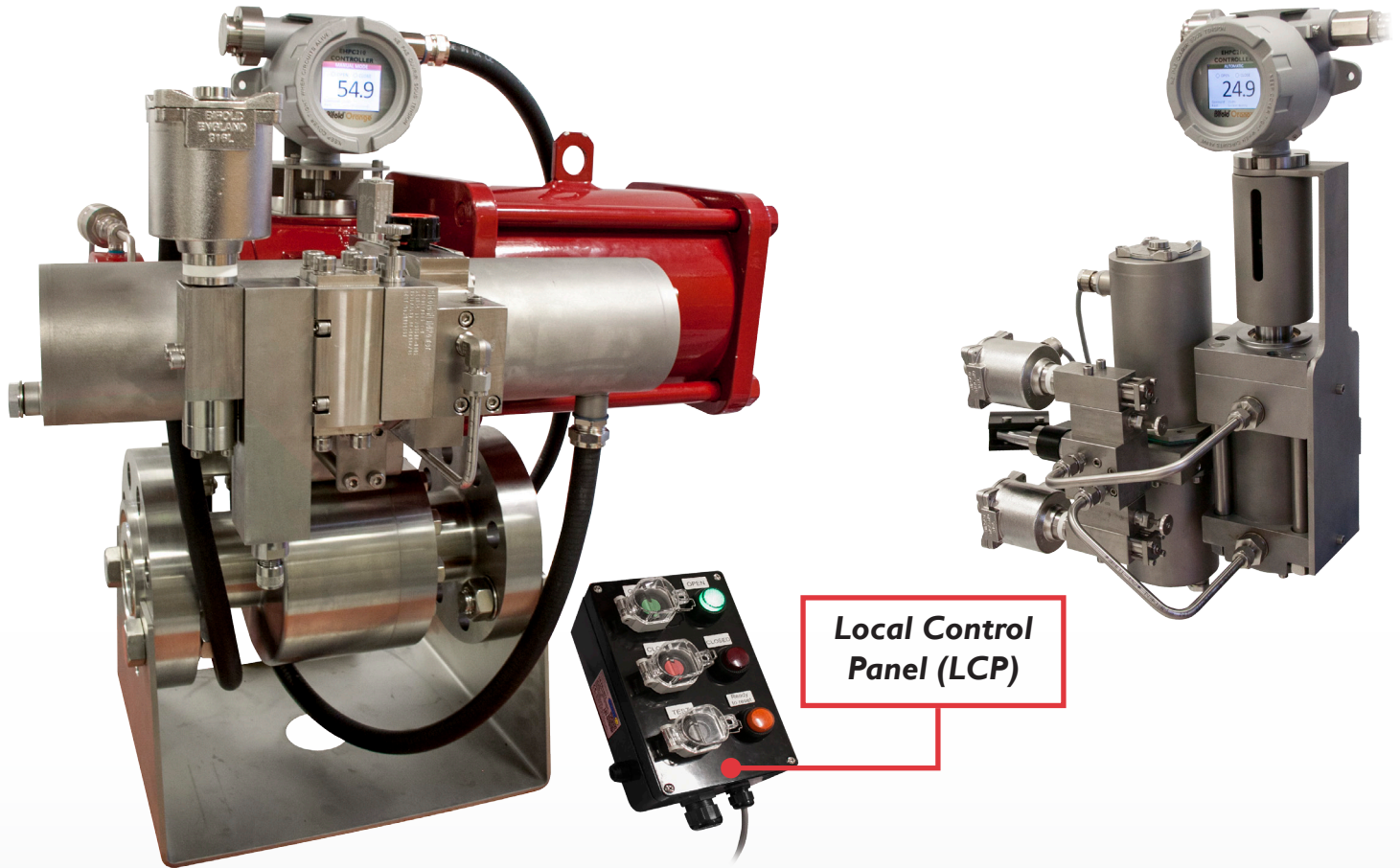


## Compact Rotary and Linear Electro Hydraulic Power Units = Low Power Consumption



Local Control Panel (LCP)

- **High Capability** - Partial stroke test, valve signatures, seat forces and safety factors with on screen diagnostics, HART, Modbus, Bluetooth Comms and SAMSS 634 compliant
- **Low Power** - Under 1W continuous and 30W peak power, ideal for solar applications
- **High Speed** - Range of motor and pump combinations up to 11 l/min and valve assemblies up to 200 l/min
- **High Level of Flexibility** - Configurable for all control logic requirements, e.g unique digital partial stroke, 2003 voting control, ESD and modulating
- **High Accuracy** - Integrated rotary and linear position transducer better than 0.1% resolution
- **High Pressure** - Up to 690 bar system working pressure on oil and water glycol

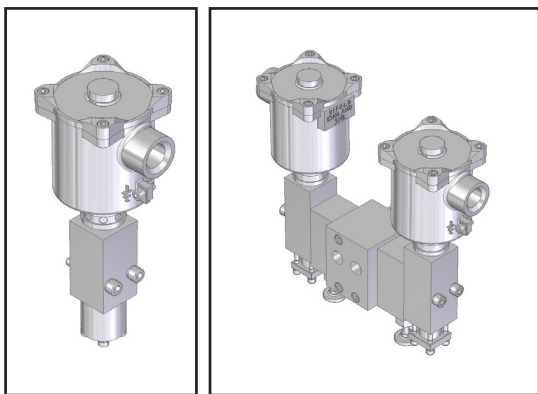


## Features & Benefits

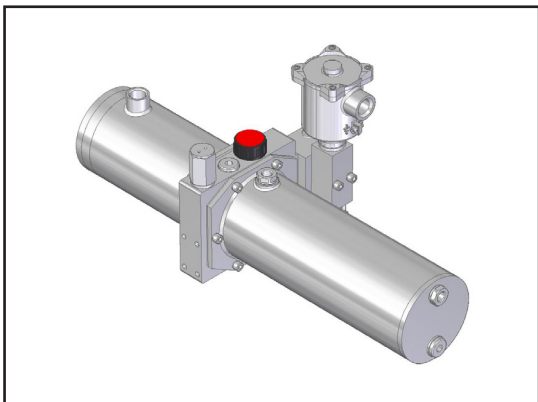
### Worldwide Approvals



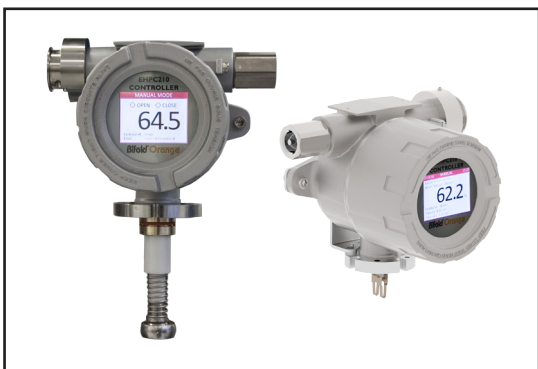
### Solenoid Operator is Free to Rotate 360°



### Electro-Hydraulic Power Pack



### EHPC210 Controller



### Standard Solenoid Operator Equipment Design & Build

- Solenoid Operator Worldwide Approvals
- Solenoid operator is free to rotate 360° allowing for an easy cable layout and ease of connection wiring. Solenoid operator internals rotate with the enclosure and prevent cables being pulled out of terminal block.
- Worldwide technical and field support.
- Standard solenoid valve can be mounted in any orientation to simplify installation due to all the components having enhanced rotational capabilities.

### Electro-Hydraulic Power Pack

- Bifold's fully self contained, compact units are a lowest cost solution for actuated process valves and associated installation costs are low. The very low power requirements permit these power packs to be used in remote locations in conjunction with small area, solar panels and rechargeable battery systems, with a consequential zero carbon footprint.

The compact, modular design eliminates all control system tubing, apart from the interconnecting tube or flexible hose connecting the actuator to the power unit. The potential for fluid leakage from tube fitting connections is, therefore, virtually eliminated.

### EHPC210 Controller

- Bifold Orange provide a wide range of electronic control and positioner solutions for use in hydraulic and pneumatic valve actuation. The EHPC210 Universal Controller is the most advanced controller in the range allowing the same platform to be used for hydraulic and pneumatic positional and partial test actuator systems. This incorporates graphic display, bluetooth communications, integral valve feedback measurement, low power modes, ESD monitoring and control, Partial Test and local control setting switch. The enclosure assembly allows installation in zone 1 or 2 hazardous areas.