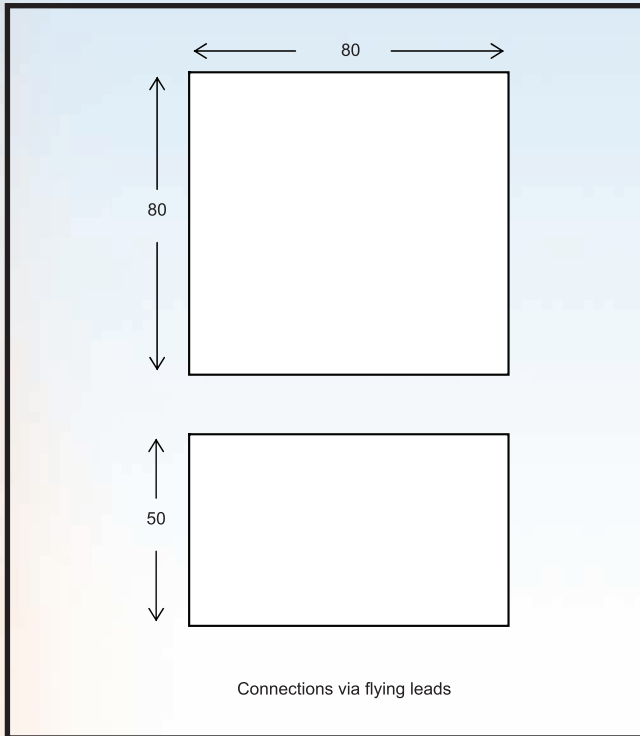


EXM200

ACTUATOR POSITIONER



Suitable for use in Zone 1 and 2 Gas Group IIc

Can be housed in a light corrosion resistant enclosure

Lightweight and compact solution

The EXM200 frees the system integrator from the constraints of heavy and expensive Ex'd' housing.

The Ex'm' protection concept means that the control system may be housed in a light corrosion resistant enclosure within a Zone 1 environment.

KEY FEATURES

- Simple operation
- Control of electro-hydraulic actuators via 4-20mA loop
- Intrinsically safe interfaces to feedback devices and limit switches
- Simple calibration and manual control with hazard present

EXM200

ACTUATOR POSITIONER

Ex'm' ELECTRO-HYDRAULIC VALVE POSITION CONTROL

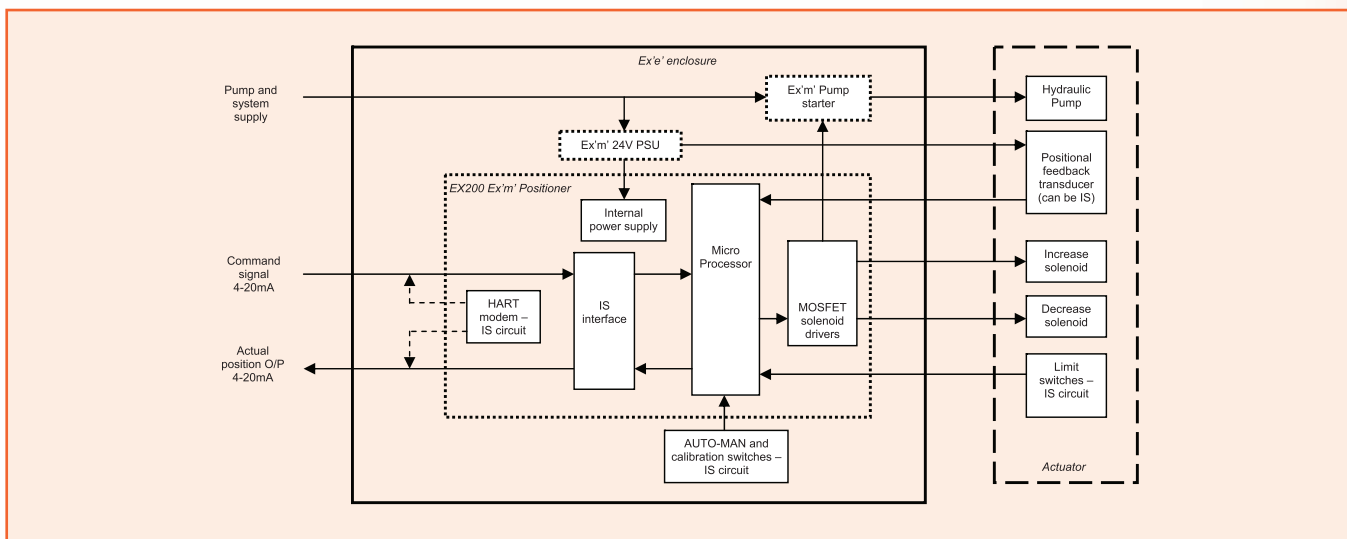
Freeing the system integrator from the constraints of heavy and expensive Ex'd' protection, the Ex'm' concept allows control systems to be housed in light corrosion resistant enclosure, within a Zone 1 environment.

External signals such as feedback transducers, limit switches, calibration and manual mode switches and command and retransmitted signal loops are accepted via intrinsically safe interfaces, giving greater flexibility to component selection and retrofiting.

Full ac powered self-contained actuator systems can be built up within compact sheet stainless steel enclosures.

MAIN FEATURES

- 24V dc supply
- IS command and retransmitted signal interfaces
- Selectable solenoid sense and failure default position
- Detects command and feedback signal failures
- Signal fail solenoid output
- Hydraulic pump control, on-demand or pressure switches
- Optional HART interface
- Full systems with ac supply and motor starters available



Typical installation for a self-contained electro-hydraulic actuator.



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. The company has approvals ISO 9001:2000, Baseefa ATEX 1575, and is a Member of the HART Communications Foundation. Orange Instruments have been satisfying customers for more than three decades. They offer a comprehensive design and manufacturing service from concept, through system configuration, to final approval and supply.