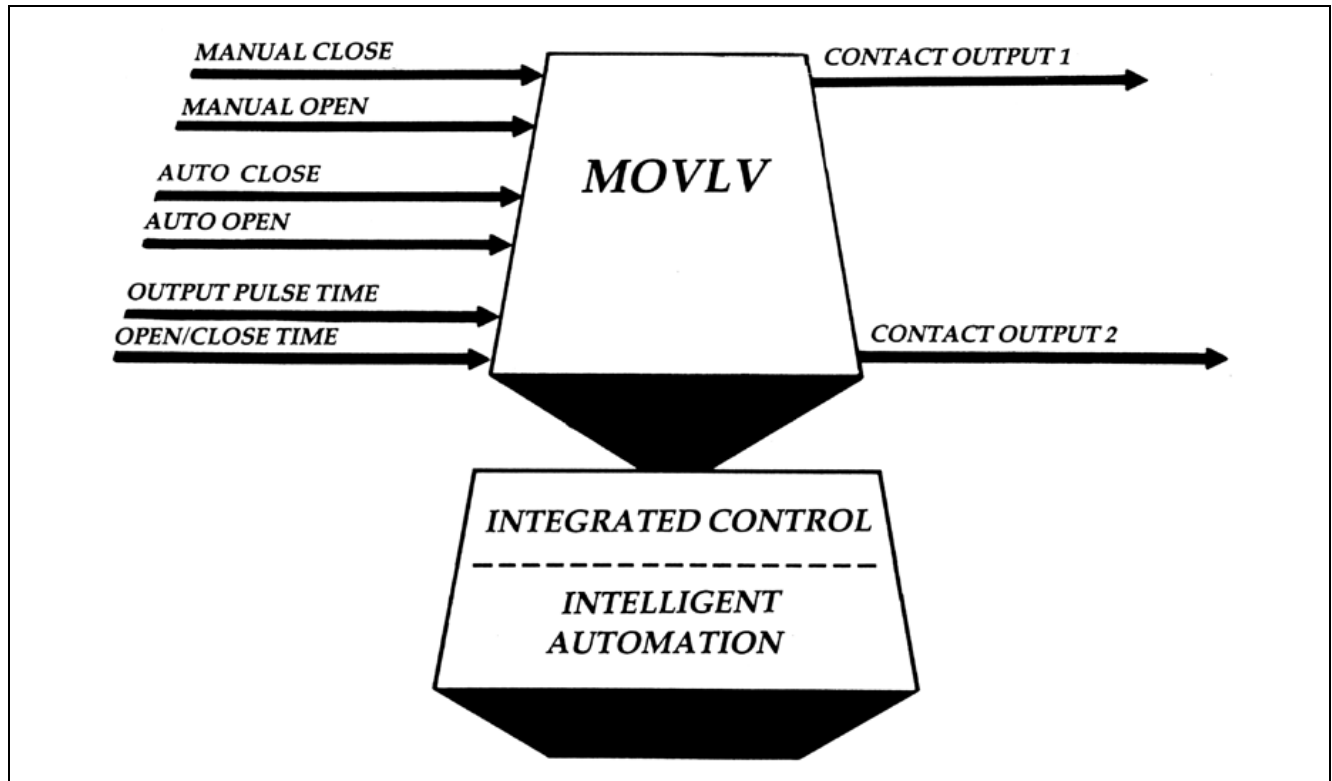


I/A Series[®] Software Motor Operated Valve (MOVLV) Block



The MOV LV block provides control of a 3-wire motor operated control valve. The 3-wire configuration provides two pulsed outputs.

OVERVIEW

As a motor-operated valve controller, the block supports Auto/Manual, Open, Close, and Stop capability. The user defines the output pulse width. Limit switch feedback inputs can be used with the timeout alarm option when the block is used for Open/Close valve control. When the timeout alarm option is enabled, alarming occurs when the requested Open/Close position of the valve does not match the sensed limit position within the specified Open/Close time interval. The block may also be used for valve positioning, but the timeout alarm option should be disabled. A disable mode inhibits MOV LV block operation to allow local control of field equipment.

The block outputs, contact outputs 1 and 2, are mapped to the physical Fieldbus Module points by specifying the Letterbug identification and physical point numbers of the Fieldbus Module. Both outputs must reside in the same Fieldbus Module. The Fieldbus Module has either sustained or momentary outputs. For motor control applications, sustained Fieldbus Module outputs are recommended.

STANDARD FEATURES

- Manual/Auto control
- Close and Stop valve capability
- User-specifiable pulse output time widths
- Open-loop indication to upstream blocks
- Disable input to enable/disable block actions – can be used as a permissive input when driven by a local field contact for maintenance or local control functions

OPTIONAL FEATURE

- Timeout alarming of valve limit positions

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