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MULTI-POSITION (MS) MEMBRANE SLIDE VALVE

DS6358

This version of the multi position valve is basically a single cylinder valve with stops that are automatically operated to give an intermediate position or positions. These are manually adjustable to give a part open position or positions depending on how many intermediate positions are required. The typical sequence is to open the valve fully, then when the intermediate position is required the valve is closed, then the stop is positioned and the valve re-opened to the stop giving an intermediate position. The valve is then closed, the stop moved out of the way and the sequence is then ready to start again.

Use: Automatic Control Valve.

Typical use is on automatic weighing applications where a 'bulk' fill is required (typically fully open) then a 'trickle feed' is required (typically part open). By having more than one part open position (e.g., two stops) more sophisticated variations can be applied to give control of product and accuracy of feed.

Typical applications.

- (a) Keg/Bag filling—used on automatic filling where accuracy required.
- (b) Controlling flow rate into process downstream where 'bulk' then 'fine' feed is required.
- (c) Where more than one product is being handled and different valve apertures are required for different products.

