

Press release

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Area: fluid sensors / condition monitoring

Subject: continuous position sensing for rising stem valves

The efector valvis was designed for feedback of the valve positions on rising stem valves with a stroke of up to 80 mm. The sensor is fitted over the valve spindle and continuously measures the stroke. The actual limits of travel are transmitted to the controller via teachable switching outputs.

The sensor signals up to three valve positions to the controller: valve open, valve closed and any position in-between, e.g. seat lift. Furthermore the resolution of the measuring distance of 0.2 mm allows condition-based maintenance of the valve seals. This way the maintenance intervals can be adapted to the actual wear, which in turn increases life and uptime.

Using the efector valvis means that complex mounting of several individual position sensors is no longer required. Convenient programming replaces the time-consuming mechanical adjustment to the respective valve positions. Furthermore the analogue transmitter version can transfer valve positions to the controller with high resolution.

The system operates to the inductive principle, i.e. without mechanical parts. This ensures high repeatability of the measured values and long life.

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