



Anti-Surge Specific Positional Feedback Control

Accurate and reliable control of compressor Anti-Surge valves is critical to their successful operation. Over the long strokes, often associated with compressor Anti-Surge valves, the traditional lever arm and cam mechanisms of positioners can become problematic, inaccurate, and easily damaged.

To overcome these issues and to ensure optimum performance, Severn have developed the Linear-To-Rotary mechanical interface (LTR). Utilising Severn's Repair Intelligence knowledge, the common issues and problems encountered by a traditional positioner assemblies have been eradicated.

By adopting the latest polymer bearing technology, in tandem with a minimum metallic material grade of 316 stainless steel, it allows the LTR to remain reliable and accurate in the harshest environments. The interchangeable cam blade system allows the LTR to be utilised over any travel length by simply replacing just one component.

- ✓ Compatible with all current positioners
- ✓ Excellent small step response
- ✓ Cycle testing > 100,000 cycles
- ✓ Stiff actuator ensures controllability
- ✓ High accuracy - 1.1% linearity over product's lifetime
- ✓ Minimum material grade 316stst throughout

