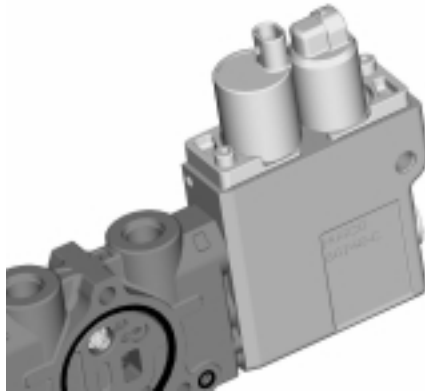


Force Feedback – Electronic Valve Actuation



Force Feedback is an electrohydraulic actuation for hydraulic control valves. This technology incorporates mechanical spool position feedback which provides high performance in a cost-effective package. Force Feedback® can be used on any HUSCO open-center or closed-center valve series.

ADVANTAGES

- Improved Performance
 - Closed loop spool positioning
 - Reduced hysteresis
 - Improved valve resolution
 - Dynamic valve response
 - Precision fine metering
- Cost-Effective
 - No additional electronics for closed-loop spool control
 - Requires only 1 PWM signal and one on/off signal per section
 - Does not require a spool position transducer (LVDT)
- Flexible
 - Can be used on almost all of HUSCO's valve range
 - Can be used on open-center or closed-center valves
 - Manual overrides can be added without performance reduction
- Durable
 - Proven technology
 - High servo force to position spool
 - Less sensitive to contamination and silting
 - Less spool leakage than traditional E-H

APPLICATIONS

- Forklift trucks
- Cranes Telehandlers Crawler dozers
- Auto wreckers/ roll-off carriers
- Skid-steers
- Agricultural equipment
- Tractor loader backhoes
- Front-end loaders
- General Applications