



CKD Releases New and Improved Solenoid Valve 4G Series

The new and improved 4G series solenoid valves from CKD maintain a user friendly design, while upgrading performance. This premium solenoid valve features higher durability while also lowering power consumption making it ideal for today's modern, green initiatives. The 4G series provides a wider array of options with several new serial transmission types.



“We call the new and improved 4G directional control valves the 4GR, as it has been redesigned with improved features and performance for today's applications,” says Tom Carlson, CKD Technical Coordinator. “Our customers are constantly seeking opportunities to reduce their costs and the 4G series delivers on power consumption and durability with an improved low heat and energy saving circuit, and a life rating that's 100 million cycles or more.”

In addition, the 4G series has improved safety features. The potential for exhaust back-pressure has been eliminated and is a standard feature in both metal and plastic base designs. The 4G series prevents contamination via an interior pilot filter, and also has manual override protection.

“One of the hallmarks of CKD components is our rigorous testing,” says Mr. Carlson. “The 4G series has a low friction design that has a dramatically improved life cycle rating. The main spool used in the 4G has an excellent response time, 12ms, and a smooth startup even after a long shutdown.”

The 4G series provides a wide range of features:

- Low power 0.35 W standard power consumption design; 0.1 W with energy saving option selected
- 30% faster cylinder speed
- Individual valve shut-off, supply or exhaust for ultimate valve station flexibility
- Reverse voltage protection
- Available for use with vacuum
- 3 VDC and 5 VDC voltage options available.
- EtherNet IP and EtherCat Serial Communication

Contact CKD for price and delivery.