

K Controls

K Controls designs and manufactures products that provide precise, safe and reliable networking, monitoring or control of actuated valves used in the process industries. Many applications are in hazardous or hostile environments. The company operates a quality system that meets the requirements of BS EN ISO9001: 2008. All our products conform to standards that will ensure compliance during your plant safety audits.

- Switchboxes with corrosion resistant enclosures
- ATEX, IECEx, cCSAus and INMETRO certified products for use with hazardous gasses and combustible dusts
- Switchboxes with high (+300 deg C) temperature capability for fire and smoke dampers
- Switchboxes with low (-60 deg C) temperature capability for Arctic service
- Switchboxes IP68 for submersion to depths of 2000 metres.
- Versions with integral solenoid for parallel wiring or connection via remote I/O systems
- Integrated fieldbus compatible versions for AS-interface® or DeviceNet™
- Fieldbus compatible versions for PROFIBUS® PA or FOUNDATION™ FIELDBUS via valve couplers



- Position transmitters for 4-20mA, HART®, PROFIBUS® PA or FOUNDATION™ FIELDBUS
- Linear or rotary solutions
- Wireless solutions

We can also supply your positioner requirements.

Specialised advice, design excellence and an ability to exactly customise products to match your requirements all help minimise the time and money spent on product sourcing, specification, installation, commissioning and maintenance. K Controls has also developed two valves for specialised applications: The K44 "Checktite" three piece swing check valve has been designed to complement three piece ball valves and

is used on chemical, petrochemical and pharmaceutical process lines as well as gas, oil and water applications. It is used wherever unwanted flow reversal has to be prevented.

Available in 316 stainless steel or carbon steel with stainless internals, in sizes from 0.25" (8mm) to 2" (50 mm); the K44 "Checktite" employs a three piece body and end design, secured by four bolts (as widely used with ball valves).

This design facilitates quick and simple installation and enables the valve body to be swung away from the line for easy inspection, cleaning or maintenance. Both the cracking pressure and pressure drop of the K44 are significantly lower than those of most other check valves.

K Controls has also developed a Z Series stainless steel butterfly valve for high temperature automotive exhaust gas applications. The Z Series valve is frequently used to regulate the back pressure of exhaust gases during engine testing.



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