

KENDRION SOLUTIONS

Constant oxygen supply in anesthesia

Bistable solenoid valves for maximum safety

Precision and reliability of anesthesia devices are critical for the successful delivery of anesthetics and oxygen across various medical applications. They enable multiple ventilation modes for adults, children, and neonates, meeting the specific needs of each patient. Even under challenging conditions, such as power interruptions, anesthesia devices must remain stable and default to a safe state.

Kendrion's bistable solenoid valve 63.0 is specifically designed to meet these demands. Depending on the pressure range, it achieves a flow rate of up to 40 NI/min. The valve requires only a short electrical pulse to switch, making it ideal for battery-operated applications. Thanks to the integration of a permanent magnet, the 10 mm valve retains its switching state even during a power outage. This ensures a continuous and reliable oxygen supply for patients at all times.

Kendrion has been a trusted manufacturer of fluid components and assemblies for several decades, specializing in solutions tailored to the requirements of medical technology. The unique functionality of bistable solenoid valves plays a significant role in enhancing the safety concepts of anesthesia devices.

Product features

- Suitable for medical oxygen
- Various orifice sizes 0.5 to 1.2 mm
- Pressure range 0 to 10 bar
- EPDM seal
- Flange connection
- 3/2-way or 2/2-way configuration

Further application areas

- Dental Technology
- Analytical Technology
- Dialysis Equipment



Kendrion Kuhnke Automation GmbH

Lütjenburger Strasse 101
23714 Malente
Germany

T +49 4523 402-0
F +49 4523 402-201
sales-ics@kendrion.com
www.kendrion.com

133/'25

