

KENDRION SOLUTIONS

Maximum reliability in respiration

Consistently reproducible pressure regulation for optimal functional safety

The reliability and precision of ventilators are crucial to providing patients with the right ventilation therapy. The Kendrion pressure regulator or pressure reducer ensures that high – often variable – input pressure is precisely reduced to a low, constant output pressure. This enables all downstream, coordinated pneumatic components in the ventilator to function optimally and safely.

The robust, field-proven and continually developed functional design contributes significantly to the reliability and availability of ventilators. In order to meet the strict normative requirements of medical technology (e.g. MDR/CLP and biocompatibility), only selected and specially approved materials are used.

The pressure regulator product family from Kendrion offers numerous models with different pneumatic mounting types in the pressure range from 0 to 10 bar. Depending on the application, these can be adapted to

special pressure ranges. An optional secondary venting (back control) can be used to reduce pressure increases on the output side. The pressure regulators from Kendrion are particularly suitable for medical (e.g. oxygen, nitrous oxide and similar) and inert gases, and depending on the model type and materials, also for liquids (e.g. water).

Product features

- Suitable for medical oxygen and other medical gases
- Mechanically adjustable
- Pressure range 0 to 10 bar
- Selected elastomers and plastics
- Flange connection for subplate mounting
- Compact design with 30x30 mm

Further application areas

- Dental Technology
- Analysis Technology
- Dialysis Machines



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