

Solenoid Valves

Fluid Technology

Pilot Operated Valves Series 63.1V

High flow rates with low power consumption and compact design

Discover our pilot-operated spool valves series 63.1V. They stand out for high flow rates, low power consumption and a compact design. They convince with their reliability and a competitive pricing.

The pilot-operated valves series 63.1V are perfectly suitable for the use in control heads of process valves and other applications with high flow and low power requirements. The basis for these advantages is a 3/2-way pilot valve series 63.1 in combination with a pneumatically actuated main spool valve.

All materials used are UL and CSA listed.

Characteristics

- High flow rates in combination with compact design and low power consumption
- The most typical application is in the food and beverage industry, where pilot-operated valves series 63.1V control the pneumatic actuation of process valves (used in breweries, dairies, or pharmaceutical production plants)
- Other applications can be found wherever high flow rates in combination with low power consumption are required
- Adaption to special technical requirements on demand



Technical Data	Pilot Operated Valve Series 63.1V
Nominal voltage (U_{nom})	12 V DC or 24 V DC
Power consumption (P_{nom})	≤ 1 W
Pressure range (p)	2...8 bar
Orifice size	2.6 mm
Flow (Air)	> 270 l/min at 6 to 0 bar
Kv-value	3.2 l/min
Materials	Sealings: NBR; housing: PBT
Protection classification	IP 51
Pneumatic connection	Flange
Electrical connection	Wire or plug
Functions	3/2-way NC/NO
Dimensions (h x w x d)	56 mm x 15 mm x 31 mm

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