

Pneumatic valve VUWS-30

Part number: 8022018

FESTO



Data sheet

| Feature | Value |
|-------------------------------------|---|
| Valve function | 2x3/2, closed, monostable 2x3/2, open, monostable 2x3/2, open/closed, monostable 3/2, closed, monostable 3/2, open, monostable 5/2, bistable 5/2, monostable 5/3, pressurized 5/3, exhausted 5/3, closed |
| Actuation type | Pneumatic |
| Valve size | 31 mm |
| Standard nominal flow rate | 1500 l/min...2400 l/min |
| Pneumatic working port | G3/8 3/8 NPT QS-6 QS-8 QS-10 QS-1/4 QS-5/16 QS-3/8 |
| Operating pressure | -0.09 MPa...1 MPa -0.9 bar...10 bar |
| Structural design | Piston gate valve Plate seat |
| Reset method | Mechanical spring Pneumatic spring |
| Certification | c UL us - Recognized (OL) |
| Exhaust air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | None |
| Type of control | Direct |
| Explosion prevention and protection | Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |

| Feature | Value |
|--|--|
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Cleanroom class | Class 6 according to ISO 14644-1 |
| Temperature of medium | -10 °C...60 °C |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Ambient temperature | -10 °C...60 °C |
| Type of mounting | On terminal strip With through-hole Optionally: |
| Venting hole connection | Not ducted |
| Note on materials | RoHS-compliant |
| Seals material | HNBR NBR |
| Housing material | Die-cast aluminum Painted |
| Piston slide material | Wrought aluminum alloy |
| Material of screws | Steel, nickel-plated |