

Data sheet

| Feature | Value |
| :---: | :---: |
| Valve function | 5/2, monostable |
| Actuation type | Electrical |
| Valve size | 10 mm |
| Standard nominal flow rate | 195 1/min |
| Pneumatic working port | M5 |
| Operating voltage | 24V DC |
| Operating pressure | 0.25 MPa ... 0.7 MPa |
| Operating pressure | 2.5 bar ... 7 bar |
| Structural design | Piston gate valve |
| Reset method | Pneumatic spring |
| Degree of protection | IP65 |
| Type code | VUVG |
| Exhaust air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | Any |
| Manual override | Detenting Non-detenting |
| Type of control | Pilot-controlled |
| Pilot air supply port | Internal |
| Flow direction | Non-reversible |
| Symbol | 00992908 |
| Lap | Overlap |
| Signal status display | LED |
| Max. switching frequency | 2 Hz |
| Switching time off | 17 ms |
| On switching time | 14 ms |
| Duty cycle | 100\% |
| Max. positive test pulse with 0 signal | $1600 \mu \mathrm{~s}$ |
| Max. negative test pulse on 1 signal | $3000 \mu \mathrm{~s}$ |
| Coil characteristics | 24 V DC: 0.8 W |
| Permissible voltage fluctuations | +/-10 \% |
| 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) |
| Vibration resistance | Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27 |


| Feature | Value |
| :--- | :--- |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| Temperature of medium | $-5^{\circ} \mathrm{C} \ldots 50^{\circ} \mathrm{C}$ |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Ambient temperature | $-5^{\circ} \mathrm{C} \ldots 50^{\circ} \mathrm{C}$ |
| Product weight | 45 g |
| Electrical connection | 3 -pin <br> M8x1 A-coded as per EN 61076-2-104 <br> Plug |
| Type of mounting | On terminal strip <br> With through-hole |
| Pneumatic connection 2 | M5 |
| Pneumatic connection 4 | M5 |
| Note on materials | Contains paint-wetting impairment substances <br> RoHS-compliant |
| Seals material | HNBR <br> NBR |
| Housing material | Wrought aluminum alloy |

