

Air solenoid valve VSVA-B-T32C-AZD-D2-1T1L

URL:<https://www.sxplc.com/air-solenoid-valve-vsva-b-t32c-azd-d2-1t1l>

Product data sheet

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| • Valve function | 2x3/2, closed, monostable |
| • Actuation type | Electrical |
| • Width | 52 mm |
| • Standard nominal flow rate | 2400 l/min |
| • Pneumatic working port | Sub-base, size 2 according to ISO 5599-2
G1/2 |
| • Operating voltage | 24V DC |
| • Operating pressure | 0.3 MPa ... 1 MPa |
| • Operating pressure | 3 bar ... 10 bar |
| • Structural design | Piston gate valve |
| • Certification | c UL us - Recognized (OL) |
| • KC characters | KC EMC |
| • CE marking (see declaration of conformity) | As per EU EMC directive |
| • Degree of protection | IP65 NEMA 4 |

- **Width dimension** 59 mm
- **Exhaust air function** With flow control option Via throttle plate Via individual sub-base
- **Sealing principle** Soft
- **Mounting position** Any
- **Conforms to standard** ISO 5599-2
- **Manual override** Detenting Non-detenting
- **Type of control** Pilot-controlled
- **Pilot air supply port** External
- **Flow direction** Non-reversible
- **Symbol** 00991817
- **Signal status display** LED
- **Pilot pressure MPa** 0.3 MPa ... 1 MPa
- **Pilot pressure** 3 bar ... 10 bar
- **Flow rate of pneumatic valve** 3000 l/min
- **Flow rate of pneumatic valve on individual sub-base** 2600 l/min
- **Optimized flow rate of pneumatic valve pneumatically concatenated flow** 2400 l/min
- **Switching time off** 35 ms
- **On switching time** 20 ms
- **Duty cycle** 100%
- **Max. positive test pulse with 0 signal** 1000 μ s
- **Max. negative test pulse on 1 signal** 3500 μ s

- **Nominal pick-up current per solenoid coil** 165 mA to 30 ms
- **Nominal current with current reduction** 35 mA after 30 ms
- **Coil characteristics** 24 V DC: 4.6 W
- **Surge resistance** 2.5 kV
- **Contamination level** 3
- **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 2 as per FN 942017-4 and EN 60068-2-6
- **Shock resistance** Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
- **Corrosion resistance class (CRC)** 0 - No corrosion stress
- **LABS (PWIS) conformity** VDMA24364-B1/B2-L
- **Temperature of medium** -5 °C ... 50 °C
- **Relative air humidity** 0 - 90 %
- **Ambient temperature** -5 °C ... 50 °C

