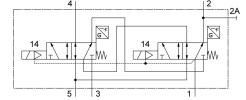
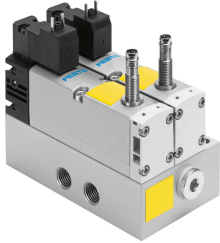


Control block VOFA-L26-T52-M-G14-1C1-ANP

Part number: 569820

FESTO



Data sheet

| Feature | Value |
|--|---|
| Valve function | 5/2, monostable |
| Actuation type | Electrical |
| Width | 65 mm |
| Standard nominal flow rate | 950 l/min |
| Pneumatic working port | G1/4 |
| Operating voltage | 24V DC |
| Operating pressure | 0.3 MPa...1 MPa 3 bar...10 bar |
| Structural design | Piston gate valve |
| Reset method | Mechanical spring |
| Degree of protection | IP65 NEMA 4 |
| Certification | c UL us - Recognized (OL) |
| KC characters | KC EMC |
| CE marking (see declaration of conformity) | As per EU EMC directive as per EU machinery directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC To UK instructions for machines |
| Certificate issuing authority | UL MH19482 |
| Exhaust air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | Any |
| Conforms to standard | EN 60947-5-2 |
| Manual override | None |
| Type of control | Pilot-controlled |
| Pilot air supply port | Internal |
| Flow direction | Non-reversible |
| Measuring principle | Inductive |
| Lap | Overlap |
| Sensor reverse polarity protection | For all electrical connections |
| Safety function | Tamper protection, protection against unexpected start-up Reversing a movement |

| Feature | Value |
|--|---|
| Performance Level (PL) | Protection against manipulation, protection against unexpected start-up/up to category 4, performance level e Reversing a movement/up to category 4, performance level e |
| Note on forced dynamization | Switching frequency at least once a week |
| Signal status display | With accessories |
| Switching position sensing | Normal position with sensor |
| Sensor switching status indication | LED |
| Pilot pressure MPa | 0.3 MPa...1 MPa |
| Pilot pressure | 3 bar...10 bar |
| Suitability for vacuum | no |
| Switching time off | 56 ms |
| On switching time | 22 ms |
| Pneumatic valve - sensor ON switching time | 60 ms |
| Pneumatic valve - sensor switching time off | 11 ms |
| Duty cycle | 100% |
| Max. positive test pulse with 0 signal | 1000 µs |
| Max. negative test pulse on 1 signal | 800 µs |
| Switching output | NPN |
| Coil characteristics | 24 V DC: 1.8 W |
| Permissible voltage fluctuations | -15 % / +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 |
| Max. magnetic interference field | 60 mT |
| Temperature of medium | -5 °C...50 °C |
| Noise level | 85 dB(A) |
| Protection against direct and indirect contact | PELV Protection class as per EN 60950/IEC 950 |
| Pilot medium | Compressed air as per ISO 8573-1:2010 [7:4:4] |
| Ambient temperature | -5 °C...50 °C |
| Nominal altitude of use above sea level | 1000 m as per VDE 0580 |
| Product weight | 1138 g |
| DC sensor operating voltage range | 10 V...30 V |
| Sensor short circuit protection | Pulsed |
| Sensor idle current | 10 mA |
| Max. output current, sensor | 200 mA |
| Sensor max. switching frequency | 5000 Hz |
| Sensor residual ripple | ± 10 % |
| Sensor voltage drop | 2 V |
| Electrical connection | Form C as per EN 175301-803 Without PE conductor |
| Sensor connection | Plug 3-pin M8x1 |
| Type of mounting | With through-hole |
| Pressure gauge connection | G1/4 |
| Pneumatic connection 1 | G1/4 |
| Pneumatic connection 2 | G¼ |
| Pneumatic connection 3 | G1/4 |
| Pneumatic connection 4 | G1/4 |

| Feature | Value |
|----------------------------|-------------------------|
| Pneumatic connection 5 | G1/4 |
| Note on materials | RoHS-compliant |
| Seals material | FPM HNBR NBR |
| Housing material | Die-cast aluminum PA |
| Material of screws | Steel, galvanized |
| Switching element function | N/C contact |