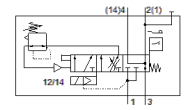
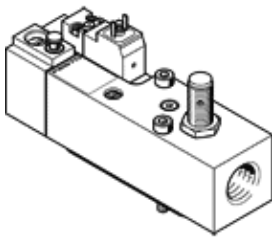


soft-start valve

VABF-S6-1-P5A4-N12-4-1-P

Part number: 558232

FESTO



Data sheet

| Feature | Value |
|---|--|
| Max. positive test pulse with logic 0 | 2,500 µs |
| Max. negative test pulse with logic 1 | 1,400 µs |
| Vibration resistance | Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 |
| Based on the standard | ISO 5599-2 |
| Type of actuation | electrical |
| Sealing principle | soft |
| Assembly position | Any |
| Manual override | detenting self-resetting via electrical control signal |
| Design structure | Piston slide |
| Type of reset | mechanical spring |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Flow direction | non reversible |
| Valve function | Pressure build-up function |
| Switching element function | Normally open contact |
| Note on forced dynamisation | Switching frequency min. 1/month |
| Operating pressure | 0.2 ... 1.2 MPa |
| Switchover pressure presetting | 0.4 MPa |
| Standard nominal flow rate ventilation | 3,000 l/min |
| Standard nominal flow rate venting | 3,300 l/min |
| Nominal operating voltage DC | 24 V |
| Characteristic coil data | 24 V DC: 2.5 W |
| Permissible voltage fluctuation | +/- 10 % |
| Operating medium | Compressed air in accordance with ISO8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 0 - No corrosion stress |
| Protection class | IP65 NEMA 4 |
| Ambient temperature | -5 ... 50 °C |
| Product weight | 605 g |
| Electrical connection | Plug pattern type C to EN 175301-803 Plug to EN 175301-803 Cubic design |
| Sensor connection | Plug 4-pin M12x1 |
| Mounting type | On sub-base |
| Auxiliary pilot air port 12/14 | Sub-base size 1 to ISO 5599-2 |
| Pneumatic connection, port 1 | Sub-base size 1 to ISO 5599-2 |
| Pneumatic connection, port 2 | Sub-base size 1 to ISO 5599-2 |

| Feature | Value |
|------------------------------|-------------------------------|
| Pneumatic connection, port 3 | G1/2 |
| Pneumatic connection, port 4 | Sub-base size 1 to ISO 5599-2 |
| Materials note | Conforms to RoHS |
| Material seals | HNBR NBR |
| Material housing | Wrought Aluminium alloy |
| Material screws | Steel Galvanised |