

Soft start valve VABF-S6-1-P5A4-G12-4-1-P

Part number: 557377

FESTO



[PDF General operating condition](#)

Data sheet

| Feature | Value |
|--|--|
| Max. positive test pulse with 0 signal | 2500 µs |
| Max. negative test pulse with 1 signal | 1400 µs |
| Vibration resistance | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 |
| Shock resistance | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 |
| Based on standard | ISO 5599-2 |
| Type of actuation | Electric |
| Sealing principle | Soft |
| Mounting position | optional |
| Manual override | Detenting Self-resetting via electrical control signal |
| Design | Piston gate valve |
| Type of reset | Mechanical spring |
| Type of piloting | Pilot actuated |
| Pilot air supply | Internal |
| Flow direction | Non-reversible |
| Symbol | 00995782 |
| Valve function | Soft-start function |
| Switching element function | N/O contact |
| Note on forced dynamization | Switching frequency min. 1/month |
| Switching position sensing | Switching position via sensor |
| Operating pressure | 0.2 MPa ... 1.2 MPa |
| Operating pressure | 2 bar ... 12 bar |
| Switchover pressure presetting | 4 bar |
| Standard nominal flow rate ventilation | 3000 l/min |
| Standard nominal flow rate for exhaust | 3300 l/min |
| Nominal operating voltage DC | 24 V |
| Characteristic coil data | 24 V DC: 2.5 W |
| Permissible voltage fluctuations | +/- 10 % |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 0 - No corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Degree of protection | IP65 NEMA 4 |

| Feature | Value |
|------------------------------|--|
| Ambient temperature | -5 °C ... 50 °C |
| Product weight | 605 g |
| Electrical connection | Type C Plugs To EN 175301-803 Square design |
| Sensor connection | Plug 4-pin M12x1 |
| Type of mounting | On sub-base |
| 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 |
| Pneumatic connection, port 3 | G1/2 |
| Pneumatic connection, port 4 | Sub-base size 1 to ISO 5599-2 |
| Note on materials | RoHS-compliant |
| Material seals | HNBR NBR |
| Material housing | Wrought aluminium alloy |
| Material screws | Steel Galvanised |