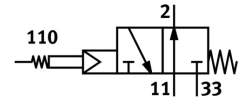


Whisker valve FVSO-3-1/8

Part number: 3877

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|------------------------------------|--|
| Valve function | 3/2 open, single solenoid |
| Type of actuation | Mechanical |
| Standard nominal flow rate | 175 l/min |
| pneumatic working port | G1/8 |
| Operating pressure | 0.35 MPa ... 0.8 MPa |
| Operating pressure | 3.5 bar ... 8 bar |
| Design | Poppet seat |
| Type of reset | Mechanical spring |
| Nominal size | 3.5 mm |
| Exhaust-air function | With flow control option |
| Sealing principle | Soft |
| Mounting position | optional |
| Type of piloting | Pilot actuated |
| Pilot air supply | Internal |
| Flow direction | Non-reversible |
| Symbol | 00991120 |
| Pilot medium | Compressed air to ISO 8573-1:2010 [-:-:-] |
| Note on forced dynamization | Switching frequency min. 1/year |
| Operating medium | Compressed air to ISO 8573-1:2010 [-:-:-] |
| Note on operating and pilot medium | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |
| Product weight | 130 g |
| Type of mounting | With through-hole |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 2 | G1/8 |
| Pneumatic connection, port 3 | G1/8 |
| Note on materials | RoHS-compliant |
| Material seals | NBR |
| Material housing | Aluminium Anodised |