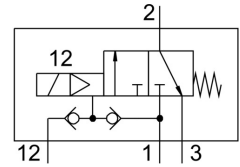


Pneumatic valve VOFC-LT-M32C-MC-N14-F19A

Part number: 4514743

FESTO



Data sheet

| Feature | Value |
|---|--|
| Valve function | 3/2, closed, monostable |
| Actuation type | Electrical |
| Width | 51 mm |
| Standard nominal flow rate | 703 l/min |
| Pneumatic working port | 1/4 NPT |
| Operating pressure | 0.1 MPa ... 0.8 MPa |
| Operating pressure | 1 bar ... 8 bar |
| Structural design | Pilot-controlled piston poppet valve |
| Reset method | Mechanical spring |
| Degree of protection | IP65 |
| Certificate issuing authority | German Technical Control Board (TÜV) V496.01/16 |
| Nominal width | 6 mm |
| Type code | VOFC |
| Sealing principle | Hard |
| Mounting position | Any |
| Manual override | None |
| Type of control | Pilot-controlled |
| Pilot air supply port | External Internal |
| Flow direction | Non-reversible |
| Symbol | 00992275 |
| Safety function | Safe venting |
| Safety integrity level (SIL) | Up to SIL 3 high demand mode Up to SIL 3 low demand mode |
| Information on operating pressure | 0 - 0.8 MPa with ext. pilot air |
| Flow rate for piston valve pressurization | 0.64 m ³ /h |
| Flow rate for piston valve exhausting | 1.46 m ³ /h |
| Standard nominal flow rate 2-3 | 1596 l/min |
| Switching time off | 18 ms |
| On switching time | 24 ms |
| Explosion prevention and protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:-:-] |
| Corrosion resistance class (CRC) | 4 - Particularly high corrosion stress |
| Temperature of medium | -25 °C ... 60 °C |

| Feature | Value |
|------------------------|--|
| Ambient temperature | -25 °C ... 60 °C |
| Product weight | 550 g |
| Pneumatic connection 1 | 1/4 NPT |
| Pneumatic connection 2 | 1/4 NPT |
| Pneumatic connection 3 | 1/4 NPT |
| Note on materials | Contains paint-wetting impairment substances RoHS-compliant |
| Seals material | NBR |
| Housing material | Aluminum, ematal coated |