

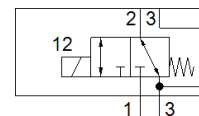
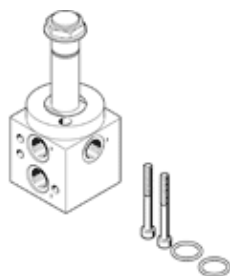
valve

VOFD-L50T-M32-MN-FG14-10-F10

Part number: 4514999

FESTO

directly actuated, 5 mm nominal width, F10 armature system, NAMUR.



Data sheet

| Feature | Value |
|---|---|
| Valve function | 3/2 closed, monostable |
| Type of actuation | electrical |
| Width | 50.5 mm |
| Standard nominal flow rate | 493 l/min |
| Operating pressure | 0 ... 10 bar |
| Design structure | Directly actuated poppet valve |
| Type of reset | mechanical spring |
| Protection class | IP65 |
| Certificate issuing department | TÜV V496.02/16 |
| Nominal size | 5 mm |
| Sealing principle | soft |
| Assembly position | Any |
| Manual override | None |
| Type of piloting | direct |
| Flow direction | reversible |
| Safety function | Safe venting |
| Safety Integrity Level (SIL) | Product can be used in SRP/CS up to SIL 3 (high demand) bis SIL 3 Low Demand mode |
| Suitability for vacuum | Yes |
| b value | 0.25 |
| C value | 2 l/sbar |
| Flow rate Kv ventilation | 0.36 m ³ /h |
| Flow rate Kv exhaust | 0.36 m ³ /h |
| Standard nominal flow rate 2-3 | 429 l/min |
| Switching time off | 60 ms |
| Switching time on | 40 ms |
| Operating medium | Druckl. ISO8573-1:2010[7:2:2] |
| Extended ambient temperature | -25 - 60 °C Low Demand mode |
| Corrosion resistance classification CRC | 4 - Very high corrosion stress |
| Medium temperature | -25 ... 60 °C |
| Ambient temperature | -25 ... 60 °C |
| Product weight | 560 g |
| Pneumatic connection, port 1 | G1/4 |
| Pneumatic connection, port 2 | Flange 1/4 NAMUR port pattern |
| Pneumatic connection, port 3 | G1/4 |
| Materials note | Contains PWIS substances Conforms to RoHS |
| Material seals | NBR |
| Material housing | Aluminium (Ematal coated) |