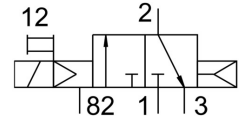


# Air solenoid valve VUVS-L30-M32C-AD-N38-F8

FESTO

Part number: 575637



## Data sheet

| Feature                                  | Value  |
|--|--|
| Valve function                           | 3/2, closed, monostable  |
| Actuation type                           | Electrical   |
| Valve size                               | 31 mm  |
| Standard nominal flow rate               | 2300 l/min   |
| Pneumatic working port                   | 3/8 NPT  |
| Operating pressure                       | 0.25 MPa ... 1 MPa   |
| Operating pressure                       | 2.5 bar ... 10 bar   |
| Structural design                        | Piston gate valve  |
| Reset method                             | Pneumatic spring   |
| Certification                            | c UL us - Recognized (OL)  |
| Maritime classification                  | See certificate  |
| Certificate issuing authority            | DNVGL-TAA000011J   |
| Nominal width                            | 9.4 mm   |
| Exhaust air function                     | With flow control option   |
| Sealing principle                        | Soft   |
| Mounting position                        | Any  |
| Manual override                          | Detenting<br>Non-detenting   |
| Type of control                          | Pilot-controlled   |
| Pilot air supply port                    | Internal   |
| Flow direction                           | Non-reversible   |
| Symbol                                   | 00991655   |
| Lap                                      | Overlap  |
| b-value                                  | 0.3  |
| C value                                  | 9.8 l/sbar   |
| Switching time off                       | 36 ms  |
| On switching time                        | 19 ms  |
| Max. positive test pulse with 0 signal   | 2000 µs  |
| Max. negative test pulse on 1 signal     | 3600 µs  |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:4]  |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use)                   |
| Vibration resistance                     | Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6 |
| Shock resistance                         | Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27                |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L  |

| Feature                   | Value   |
|---------------------------|---|
| Temperature of medium     | -10 °C ... 60 °C                                      |
| Pilot medium              | Compressed air as per ISO 8573-1:2010 [7:4:4]         |
| Ambient temperature       | -10 °C ... 60 °C                                      |
| Product weight            | 354 g   |
| Type of mounting          | Optionally:<br>On terminal strip<br>With through-hole |
| Venting hole connection   | Not ducted  |
| Pilot exhaust air port 82 | 10-32 UNF-2B  |
| Pneumatic connection 1    | 3/8 NPT   |
| Pneumatic connection 2    | 3/8 NPT   |
| Pneumatic connection 3    | 3/8 NPT   |
| Note on materials         | RoHS-compliant  |
| Seals material            | HNBR<br>NBR   |
| Housing material          | Die-cast aluminum<br>Painted                          |
| Piston slide material     | Wrought aluminum alloy                                |
| Material of screws        | Steel, nickel-plated                                  |