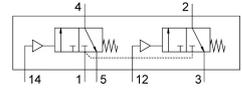


# Pneumatic valve VUWS-LT30-T32C-M-G38

Part number: 8036706

FESTO



## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | 2x3/2-way, monostable, closed  |
| Type of actuation                                     | Pneumatic  |
| Valve size  | 31 mm  |
| Standard nominal flow rate (standardised to DIN 1343) | 1600 l/min   |
| pneumatic working port                                | G3/8   |
| Operating pressure                                    | 0.1 MPa...1 MPa<br>1 bar...10 bar  |
| Design  | Poppet seat  |
| Type of reset   | Mechanical spring  |
| Approval  | c UL us - Recognized (OL)  |
| Nominal size  | 7.9 mm   |
| Exhaust-air function                                  | With flow control option   |
| Sealing principle                                     | Soft   |
| Mounting position                                     | optional   |
| Manual override                                       | None   |
| Type of piloting                                      | Direct   |
| Pilot air supply                                      | Internal   |
| Flow direction  | Non-reversible   |
| lap   | Underlap   |
| Pilot pressure  | 0.25 MPa...1 MPa<br>2.5 bar...10 bar   |
| Switching time off                                    | 37 ms  |
| Switching time on                                     | 12 ms  |
| Explosion protection                                  | The information in the certificate must be observed!<br>Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| 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                        | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L  |

| Feature                      | Value  |
|------------------------------|--|
| Cleanroom class              | Class 6 according to ISO 14644-1                 |
| Media temperature            | -10 °C...60 °C                                   |
| Pilot medium                 | Compressed air to ISO 8573-1:2010 [7:4:4]        |
| Ambient temperature          | -10 °C...60 °C                                   |
| Product weight               | 515 g  |
| Type of mounting             | On manifold rail<br>With through-hole<br>Either: |
| Breather connection          | Not ducted                                       |
| Pilot air port 12            | G1/8   |
| Pilot air port 14            | G1/8   |
| Pneumatic connection, port 1 | G3/8   |
| Pneumatic connection, port 2 | G3/8   |
| Pneumatic connection, port 3 | G3/8   |
| Pneumatic connection, port 4 | G3/8   |
| Pneumatic connection, port 5 | G3/8   |
| Note on materials            | RoHS-compliant                                   |
| Material seals               | HNBR<br>NBR<br>TPE-U(PU)                         |
| Material housing             | Painted die cast aluminium                       |
| Material piston slide        | POM  |
| Material screws              | Galvanised steel                                 |