

# Solenoid valve

## VUVG-B10-T32H-AZT-F-1T1L

FESTO

Part number: 573412



 [General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | 2x3/2-way, open/closed, monostable   |
| Type of actuation                                     | Electrical   |
| Valve size  | 10 mm  |
| Standard nominal flow rate (standardised to DIN 1343) | 150 l/min  |
| pneumatic working port                                | Flange   |
| Operating voltage                                     | 24 V DC  |
| Operating pressure                                    | 0.15 MPa ... 1 MPa   |
| Operating pressure                                    | 1.5 bar ... 10 bar   |
| Design  | Piston gate valve  |
| Type of reset   | Pneumatic spring   |
| Approval  | c UL us - Recognised (Oil)   |
| Degree of protection                                  | IP65<br>IP67   |
| Exhaust-air function                                  | Can be throttled   |
| Sealing principle                                     | Soft   |
| Mounting position                                     | Any  |
| Manual override                                       | Detenting<br>Non-detenting   |
| Type of piloting                                      | Piloted  |
| Pilot air supply                                      | External   |
| Symbol  | 00992909   |
| lap   | Overlap  |
| Signal status display                                 | LED  |
| Pilot pressure  | 0.15 MPa ... 0.8 MPa   |
| Pilot pressure  | 1.5 bar ... 8 bar  |
| Max. switching frequency                              | 3 Hz   |
| Switching time off                                    | 20 ms  |
| Switching time on                                     | 8 ms   |
| Duty cycle  | 100%   |
| Max. positive test pulse with 0 signal                | 1600 µs  |
| Max. negative test pulse with 1 signal                | 3000 µs  |
| Characteristic coil data                              | 22 V DC: 1.0 W   |
| Permissible voltage fluctuations                      | +/-10%   |
| 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) |

| <b>Feature</b>                 | <b>Value</b>   |
|--------------------------------|--|
| Vibration resistance           | Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 |
| Shock resistance               | Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27                |
| Corrosion resistance class CRC | 2 - Moderate corrosion stress  |
| LABS (PWIS) conformity         | VDMA24364-B1/B2-L  |
| Media temperature              | -5 °C ... 60 °C  |
| Pilot medium                   | Compressed air to ISO 8573-1:2010 [7:4:4]  |
| Ambient temperature            | -5 °C ... 60 °C  |
| Product weight                 | 59 g   |
| Electrical connection          | Via E-box  |
| Type of mounting               | On manifold rail   |
| Note on materials              | RoHS compliant   |
| Material seals                 | HNBR<br>NBR  |
| Material housing               | Wrought aluminium alloy  |