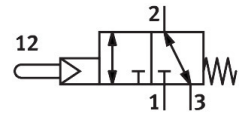


# Stem actuated valve VMEF-STC-M32-M-G14

Part number: 8031332

**FESTO**



## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | 3/2-way, closed, monostable  |
| Type of actuation                                     | Mechanical   |
| Construction width                                    | 20 mm  |
| Standard nominal flow rate (standardised to DIN 1343) | 870 l/min  |
| pneumatic working port                                | G1/4   |
| Operating pressure                                    | 0.35 MPa...1 MPa<br>3.5 bar...10 bar   |
| Design  | Poppet seat  |
| Type of reset   | Mechanical spring  |
| Nominal size  | 6 mm   |
| Instructions on use                                   | Do not use as a mechanical stop  |
| Sealing principle                                     | Soft   |
| Mounting position                                     | optional   |
| Type of piloting                                      | Pilot actuated   |
| Pilot air supply                                      | Internal   |
| Flow direction  | Reversible   |
| lap   | Zero overlap   |
| Pilot pressure  | 0.35 MPa...1 MPa<br>3.5 bar...10 bar<br>50.75 psi...145 psi                                |
| Max. switching frequency                              | 3 Hz   |
| Explosion protection                                  | 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:-:-]  |
| 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  |
| Media temperature                                     | -10 °C...60 °C   |
| Ambient temperature                                   | -10 °C...60 °C   |
| Actuating force                                       | 14 N   |

| Feature                      | Value                            |
|------------------------------|----------------------------------|
| Product weight               | 124 g                            |
| Type of mounting             | With through-hole                |
| Pilot air port 12/14         | M5                               |
| Pneumatic connection, port 1 | G1/4                             |
| Pneumatic connection, port 2 | G1/4                             |
| Pneumatic connection, port 3 | G1/4                             |
| Note on materials            | RoHS-compliant                   |
| Material cover               | PA-reinforced                    |
| Material seals               | NBR                              |
| Material housing             | Anodised wrought aluminium alloy |