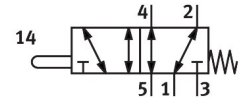


# Stem actuated valve VMEF-S-M52-M-N14

Part number: 8031312

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function  | 5/2-way, monostable  |
| Type of actuation                                     | Mechanical   |
| Construction width                                    | 20 mm  |
| Standard nominal flow rate (standardised to DIN 1343) | 1200 l/min   |
| pneumatic working port                                | 1/4 NPT  |
| Operating pressure                                    | -0.095 MPa ... 1 MPa   |
| Operating pressure                                    | -0.95 bar ... 10 bar   |
| Design  | Piston gate valve  |
| 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                                      | Direct   |
| Flow direction  | Reversible   |
| Symbol  | 00991364   |
| lap   | Overlap  |
| 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                                       | 43 N   |
| Product weight  | 178 g  |
| Type of mounting                                      | With through-hole  |
| Pneumatic connection, port 1                          | 1/4 NPT  |
| Pneumatic connection, port 2                          | 1/4 NPT  |
| Pneumatic connection, port 3                          | 1/4 NPT  |
| Pneumatic connection, port 4                          | 1/4 NPT  |
| Pneumatic connection, port 5                          | 1/4 NPT  |

| <b>Feature</b>    | <b>Value</b>                     |
|-------------------|----------------------------------|
| Note on materials | RoHS-compliant                   |
| Material cover    | PA-reinforced                    |
| Material seals    | NBR                              |
| Material housing  | Anodised wrought aluminium alloy |