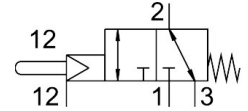


# Stem actuated valve VMEF-STCZ-M32-M-N18

FESTO

Part number: 8031337



[PDF General operating condition](#)

## Data sheet

| Feature   | Value  |
|---|--|
| Valve function                                    | 3/2-way, closed, monostable  |
| Actuation type                                    | Mechanical   |
| Width   | 20 mm  |
| Normal nominal flow rate (normalized to DIN 1343) | 750 l/min  |
| Pneumatic working port                            | 1/8 NPT  |
| Operating pressure                                | -0.095 MPa ... 1 MPa   |
| Operating pressure                                | -0.95 bar ... 10 bar   |
| Structural design                                 | Plate seat   |
| Reset method                                      | Mechanical spring  |
| Nominal width                                     | 5.6 mm   |
| Application note                                  | Do not use as mechanical stop                                      |
| Sealing principle                                 | Soft   |
| Mounting position                                 | Any  |
| Type of control                                   | Piloted  |
| Pilot air supply port                             | External   |
| Flow direction                                    | Reversible   |
| Symbol  | 00995674   |
| Lap   | Zero overlap   |
| Pilot pressure MPa                                | 0.3 MPa ... 1 MPa  |
| Pilot pressure                                    | 3 bar ... 10 bar   |
| Pilot pressure psi                                | 43.5 psi ... 145 psi   |
| Max. switching frequency                          | 3 Hz   |
| Explosion prevention and protection               | Zone 1 (ATEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 22 (ATEX) |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:-:-]                      |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                      |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L  |
| Temperature of medium                             | -10 °C ... 60 °C   |
| Ambient temperature                               | -10 °C ... 60 °C   |
| Actuating force                                   | 14 N   |
| Product weight                                    | 131 g  |
| Type of mounting                                  | With through-hole  |
| Pilot air port 12/14                              | M5   |

| <b>Feature</b>         | <b>Value</b>                     |
|------------------------|----------------------------------|
| Pneumatic connection 1 | 1/8 NPT                          |
| Pneumatic connection 2 | 1/8 NPT                          |
| Pneumatic connection 3 | 1/8 NPT                          |
| Note on materials      | RoHS compliant                   |
| Cover material         | PA-reinforced                    |
| Seals material         | NBR                              |
| Housing material       | Wrought aluminum alloy, anodized |