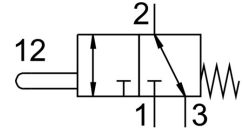


# Stem actuated valve VMEF-ST-M32-M-G18

Part number: 8031295

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                            | Value                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                     | 3/2-way, closed, monostable                                                                |
| Type of actuation                  | Mechanical                                                                                 |
| Construction width                 | 20 mm                                                                                      |
| Standard nominal flow rate         | 750 l/min                                                                                  |
| pneumatic working port             | G1/8                                                                                       |
| Operating pressure                 | -0.095 MPa ... 1 MPa                                                                       |
| Operating pressure                 | -0.95 bar ... 10 bar                                                                       |
| Design                             | Poppet seat                                                                                |
| Type of reset                      | Mechanical spring                                                                          |
| Nominal size                       | 5.6 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                             | 00991294                                                                                   |
| lap                                | Zero 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                    | 46 N                                                                                       |
| Product weight                     | 116 g                                                                                      |
| Type of mounting                   | With through-hole                                                                          |
| Pneumatic connection, port 1       | G1/8                                                                                       |
| Pneumatic connection, port 2       | G1/8                                                                                       |
| Pneumatic connection, port 3       | G1/8                                                                                       |
| Note on materials                  | RoHS-compliant                                                                             |
| Material seals                     | NBR                                                                                        |

| Feature          | Value                            |
|------------------|----------------------------------|
| Material housing | Anodised wrought aluminium alloy |