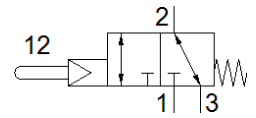
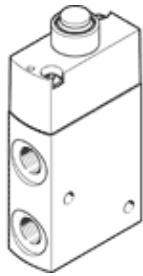


# Stem actuated valve VMEF-STC-M32-M-G18

Part number: 8031331

FESTO



## Data sheet

| Feature                                 | Value   |
|---|---|
| Valve function                          | 3/2 closed, monostable  |
| Type of actuation                       | mechanical  |
| Width                                   | 20 mm   |
| Standard nominal flow rate              | 750 l/min   |
| Operating pressure MPa                  | 0.35 ... 1 MPa  |
| Working pressure                        | 3.5 ... 10 bar  |
| Design structure                        | Poppet seat   |
| Type of reset                           | mechanical spring   |
| Nominal size                            | 5.6 mm  |
| Instructions for use                    | Do not use as mechanical stop   |
| Sealing principle                       | soft  |
| Assembly position                       | Any   |
| Type of piloting                        | Piloted   |
| Pilot air supply                        | Internal  |
| Flow direction                          | reversible  |
| Lap                                     | Zero overlap  |
| Pilot pressure MPa                      | 0.35 ... 1 MPa  |
| Pilot pressure                          | 3.5 ... 10 bar<br>50.75 ... 145 psi   |
| Max. switching frequency                | 3 Hz  |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:-:-]                    |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation) |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress   |
| PWIS conformity                         | VDMA24364-B1/B2-L   |
| Medium temperature                      | -10 ... 60 °C   |
| Ambient temperature                     | -10 ... 60 °C   |
| Actuating force                         | 14 N  |
| Product weight                          | 131 g   |
| Mounting type                           | with through hole   |
| Auxiliary pilot air port 12/14          | M5  |
| Pneumatic connection, port 1            | G1/8  |
| Pneumatic connection, port 2            | G1/8  |
| Pneumatic connection, port 3            | G1/8  |
| Materials note                          | Conforms to RoHS  |
| Material cover                          | PA-reinforced   |
| Material seals                          | NBR   |
| Material housing                        | Anodised wrought aluminium alloy  |