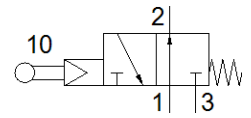


Ball actuated valve VMEM-BTC-M32U-M-G18

Part number: 563774

FESTO



Data sheet

| Feature | Value |
|------------------------------------------|-----------------------------------------------------------------------------|
| Valve function | 3/2 open, monostable |
| Type of actuation | mechanical |
| Width | 20 mm |
| Standard nominal flow rate | 500 l/min |
| Working pressure | 4.5 ... 8 bar |
| Design structure | Poppet seat |
| Type of reset | mechanical spring |
| Nominal size | 4 mm |
| Instructions for use | Do not use as mechanical stop |
| Type of piloting | Piloted |
| Pilot air supply | Internal |
| Max. actuating speed for axial actuation | 0.6 m/s |
| Max. actuating speed for side actuation | 0.2 m/s |
| 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 |
| Medium temperature | -10 ... 60 °C |
| Ambient temperature | -10 ... 60 °C |
| Actuating force | 44 N |
| Max. force on actuator | 80 N |
| Max. transverse force on actuator | 30 N |
| Product weight | 148 g |
| Mounting type | Optional Front panel installation with through hole |
| Pneumatic connection, port 1 | G1/8 |
| Pneumatic connection, port 2 | G1/8 |
| Pneumatic connection, port 3 | G1/8 |
| Materials note | Conforms to RoHS |
| Materials information for cover | Wrought Aluminum alloy Anodized |
| Materials information for seals | NBR |
| Materials information, housing | Wrought Aluminum alloy Anodized |