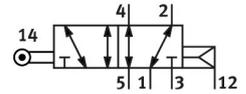


Roller lever valve VMEF-R-M52-E-G18

Part number: 8047092

FESTO



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) | 750 l/min |
| pneumatic working port | G1/8 |
| Operating pressure | -0.095 MPa...1 MPa -0.95 bar...10 bar |
| Design | Piston gate valve Roller lever |
| Type of reset | Pneumatic spring |
| Max. stroke limit (hard) | 11.6 mm |
| Nominal size | 5.2 mm |
| Instructions on use | Risk of pinching |
| Sealing principle | Soft |
| Mounting position | optional |
| Type of piloting | Direct |
| Flow direction | Reversible |
| lap | Overlap |
| Max. actuating speed with lateral actuation | 1.4 m/s |
| Max. switching frequency | 3 Hz |
| Cam angle | 30 deg |
| Explosion protection | Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) 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 | 1 - Low corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Media temperature | -10 °C...60 °C |
| Ambient temperature | -10 °C...60 °C |
| Note on ambient temperature | Influence of heat on wear |

| Feature | Value |
|------------------------------|----------------------------------|
| Actuating force | 38 N |
| Product weight | 240 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 |
| Pneumatic connection, port 4 | G1/8 |
| Pneumatic connection, port 5 | G1/8 |
| Note on materials | RoHS-compliant |
| Material mounting adaptor | Galvanised steel |
| Material cover | PA-reinforced |
| Material seals | NBR |
| Material housing | Anodised wrought aluminium alloy |