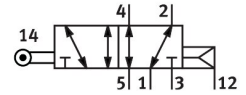


# Roller lever valve VMEF-R-M52-E-G14

Part number: 8047093

**FESTO**



 [General operating condition](#)

## Data sheet

| Feature                                     | Value                                                              |
|---------------------------------------------|--------------------------------------------------------------------|
| Valve function                              | 5/2, monostable                                                    |
| Actuation type                              | Mechanical                                                         |
| Width                                       | 20 mm                                                              |
| Standard nominal flow rate                  | 1200 l/min                                                         |
| Pneumatic working port                      | G1/4                                                               |
| Operating pressure                          | -0.095 MPa ... 1 MPa                                               |
| Operating pressure                          | -0.95 bar ... 10 bar                                               |
| Structural design                           | Piston gate valve<br>Roller lever                                  |
| Reset method                                | Pneumatic spring                                                   |
| Max. stroke limit (hard)                    | 11.6 mm                                                            |
| Nominal width                               | 7 mm                                                               |
| Application note                            | Risk of pinching                                                   |
| Sealing principle                           | Soft                                                               |
| Mounting position                           | Any                                                                |
| Type of control                             | Direct                                                             |
| Flow direction                              | Reversible                                                         |
| Symbol                                      | 00992201                                                           |
| Lap                                         | Overlap                                                            |
| Max. actuating speed with lateral actuation | 1.4 m/s                                                            |
| Max. switching frequency                    | 3 Hz                                                               |
| Cam angle                                   | 30 deg                                                             |
| 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)            | 1 - Low corrosion stress                                           |
| LABS (PWIS) conformity                      | VDMA24364-B1/B2-L                                                  |
| Temperature of medium                       | -10 °C ... 60 °C                                                   |
| Ambient temperature                         | -10 °C ... 60 °C                                                   |
| Note on ambient temperature                 | Influence of heat on wear                                          |
| Actuating force                             | 38 N                                                               |
| Product weight                              | 272 g                                                              |
| Type of mounting                            | With through-hole                                                  |
| Pneumatic connection 1                      | G1/4                                                               |

| Feature                       | Value                            |
|-------------------------------|----------------------------------|
| Pneumatic connection 2        | G1/4                             |
| Pneumatic connection 3        | G1/4                             |
| Pneumatic connection 4        | G1/4                             |
| Pneumatic connection 5        | G1/4                             |
| Note on materials             | RoHS-compliant                   |
| Actuator attachments material | Steel, galvanized                |
| Cover material                | PA-reinforced                    |
| Seals material                | NBR                              |
| Housing material              | Wrought aluminum alloy, anodized |