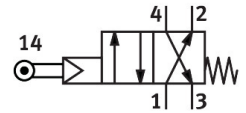


# Roller lever valve RS-4-1/8

Part number: 2949

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                  | Value                                                              |
|------------------------------------------|--------------------------------------------------------------------|
| Valve function                           | 4/2, monostable                                                    |
| Actuation type                           | Mechanical                                                         |
| Standard nominal flow rate               | 128 l/min                                                          |
| Pneumatic working port                   | G1/8                                                               |
| Operating pressure                       | 0.35 MPa ... 0.8 MPa                                               |
| Operating pressure                       | 3.5 bar ... 8 bar                                                  |
| Structural design                        | Plate seat                                                         |
| Reset method                             | Mechanical spring                                                  |
| Nominal width                            | 3.5 mm                                                             |
| Exhaust air function                     | With flow control option                                           |
| Sealing principle                        | Soft                                                               |
| Mounting position                        | Any                                                                |
| Type of control                          | Pilot-controlled                                                   |
| Pilot air supply port                    | Internal                                                           |
| Flow direction                           | Non-reversible                                                     |
| Symbol                                   | 00991139                                                           |
| Pilot medium                             | Compressed air as per ISO 8573-1:2010 [:-:-]                       |
| Note on forced dynamization              | Switching frequency min. 1/year                                    |
| 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 [:-:-]                       |
| Information on operating and pilot media | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)         | 2 - Moderate corrosion stress                                      |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L                                                  |
| Temperature of medium                    | -10 °C ... 60 °C                                                   |
| Ambient temperature                      | -10 °C ... 60 °C                                                   |
| Actuating force                          | 1.77 N                                                             |
| Product weight                           | 230 g                                                              |
| Type of mounting                         | With through-hole                                                  |
| Pneumatic connection 1                   | G1/8                                                               |
| Pneumatic connection 2                   | G1/8                                                               |
| Pneumatic connection 3                   | G1/8                                                               |
| Pneumatic connection 4                   | G1/8                                                               |
| Note on materials                        | RoHS-compliant                                                     |

| Feature          | Value    |
|------------------|----------|
| Seals material   | NBR      |
| Housing material | Anodized |