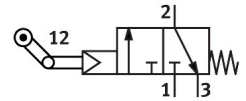


# Toggle lever valve LS-3-1/8

Part number: 2186

**FESTO**



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Valve function                                    | 3/2-way, closed, monostable                                        |
| Actuation type                                    | Mechanical                                                         |
| Normal nominal flow rate (normalized to DIN 1343) | 146 l/min                                                          |
| Pneumatic working port                            | G1/8                                                               |
| Operating pressure                                | 0.35 MPa...0.8 MPa<br>3.5 bar...8 bar                              |
| Structural design                                 | Plate seat                                                         |
| Reset method                                      | Mechanical spring                                                  |
| Nominal width                                     | 3.5 mm                                                             |
| Exhaust air function                              | Adjustable                                                         |
| Sealing principle                                 | Soft                                                               |
| Mounting position                                 | Any                                                                |
| Type of control                                   | Piloted                                                            |
| Pilot air supply port                             | Internal                                                           |
| Flow direction                                    | Non-reversible                                                     |
| Pilot medium                                      | Compressed air as per ISO 8573-1:2010 [:-::-]                      |
| Note on forced dynamization                       | Switching frequency min. 1/year                                    |
| 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                                   | 1.67 N                                                             |
| Product weight                                    | 110 g                                                              |
| Type of mounting                                  | With through-hole                                                  |
| Pneumatic connection 1                            | G1/8                                                               |
| Pneumatic connection 2                            | G1/8                                                               |
| Pneumatic connection 3                            | G1/8                                                               |
| Note on materials                                 | RoHS compliant                                                     |
| Seals material                                    | NBR                                                                |
| Housing material                                  | Aluminum                                                           |

| Feature | Value    |
|---------|----------|
|         | Anodized |