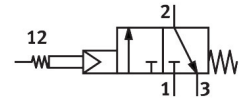


# Whisker valve FVS-3-1/8

Part number: 3876

FESTO



[PDF](#) General operating condition

## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Valve function                                        | 3/2-way, closed, monostable                                                                |
| Type of actuation                                     | Mechanical                                                                                 |
| Standard nominal flow rate (standardised to DIN 1343) | 146 l/min                                                                                  |
| pneumatic working port                                | G1/8                                                                                       |
| Operating pressure                                    | 0.35 MPa ... 0.8 MPa                                                                       |
| Operating pressure                                    | 3.5 bar ... 8 bar                                                                          |
| Design                                                | Poppet seat                                                                                |
| Type of reset                                         | Mechanical spring                                                                          |
| Nominal size                                          | 3.5 mm                                                                                     |
| Exhaust-air function                                  | With flow control option                                                                   |
| Sealing principle                                     | Soft                                                                                       |
| Mounting position                                     | optional                                                                                   |
| Type of piloting                                      | Pilot actuated                                                                             |
| Pilot air supply                                      | Internal                                                                                   |
| Flow direction                                        | Non-reversible                                                                             |
| Symbol                                                | 00991119                                                                                   |
| Pilot medium                                          | Compressed air to ISO 8573-1:2010 [-:-:-]                                                  |
| Note on forced dynamization                           | Switching frequency min. 1/year                                                            |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [-:-:-]                                                  |
| Note on operating and pilot medium                    | Lubricated operation possible (in which case lubricated operation will always be required) |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress                                                              |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                                          |
| Media temperature                                     | -10 °C ... 60 °C                                                                           |
| Ambient temperature                                   | -10 °C ... 60 °C                                                                           |
| Product weight                                        | 130 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                                                                                       |
| Note on materials                                     | RoHS-compliant                                                                             |
| Material seals                                        | NBR                                                                                        |
| Material housing                                      | Aluminium<br>Anodised                                                                      |