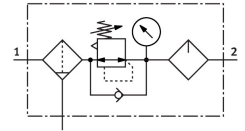


**Service unit**  
**MSB4-1/4-FRC:J91PAGNM1-WP**  
Part number: 8229575

**FESTO**



## Data sheet

| Feature                                           | Value                                                                                                                                                                       |
|---------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                                              | 4                                                                                                                                                                           |
| Series                                            | MS                                                                                                                                                                          |
| Actuator lock                                     | Rotary knob with detent                                                                                                                                                     |
| Mounting position                                 | Vertical $\pm 5^\circ$                                                                                                                                                      |
| Condensate drain                                  | Manual, rotating                                                                                                                                                            |
| Structural design                                 | Filter regulator lubricator                                                                                                                                                 |
| Grade of filtration                               | 40 $\mu\text{m}$                                                                                                                                                            |
| Controller function                               | Constant output pressure<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow characteristic                                              |
| Bowl guard                                        | Plastic bowl guard                                                                                                                                                          |
| Pressure gauge                                    | with pressure gauge                                                                                                                                                         |
| Operating pressure                                | 0.15 MPa...1.4 MPa<br>1.5 bar...14 bar                                                                                                                                      |
| Pressure regulation range                         | 0.5 bar...12 bar                                                                                                                                                            |
| Normal nominal flow rate (normalized to DIN 1343) | 850 l/min                                                                                                                                                                   |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [::4:-]<br>Inert gases                                                                                                                |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use)<br>Compatibility with ester oil not given                                                                |
| Approved oils                                     | Festo special oil in 1 L container<br>Order reference: 152 811 OFSW-32<br>ARAL Vitam GF 32<br>BP Energol HLP 32<br>ESSO Nuto H 32<br>MOBIL DTE 24<br>SHELL Tellus Oil DO 32 |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                                                                                                                               |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                                                                                                                           |
| Storage temperature                               | -10 °C...60 °C                                                                                                                                                              |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:4:-]                                                                                                                               |
| Temperature of medium                             | -10 °C...60 °C                                                                                                                                                              |
| Ambient temperature                               | -10 °C...60 °C                                                                                                                                                              |
| Product weight                                    | 540 g                                                                                                                                                                       |

| Feature                        | Value                 |
|--------------------------------|-----------------------|
| Type of mounting               | With mounting bracket |
| Pneumatic connection 1         | G1/4                  |
| Pneumatic connection 2         | G1/4                  |
| Seals material                 | NBR                   |
| Rotary knob material           | POM                   |
| Compressed air filter material | Protective grounding  |
| Housing material               | Die-cast aluminum     |
| Material of bowl               | PC                    |