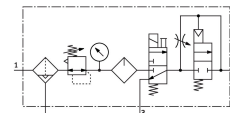


**Service unit**  
**FRC-1/8-D-MINI-KE-A**  
Part number: 185828

**FESTO**



## Data sheet

| Feature                                           | Value                                                                                                                      |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Size                                              | Mini                                                                                                                       |
| Series                                            | D                                                                                                                          |
| Actuator lock                                     | Rotary knob with detent                                                                                                    |
| Mounting position                                 | Vertical $\pm 5^\circ$                                                                                                     |
| Grade of filtration                               | 40 $\mu\text{m}$                                                                                                           |
| Condensate drain                                  | Fully automatic                                                                                                            |
| Structural design                                 | On/off valve<br>Filter regulator with pressure gauge<br>Proportional standard oil mist lubricator<br>Safety start-up valve |
| Max. condensate volume                            | 22 $\text{cm}^3$                                                                                                           |
| Bowl guard                                        | Metal bowl guard                                                                                                           |
| Pressure gauge                                    | with pressure gauge                                                                                                        |
| Operating pressure                                | 0.3 MPa...1.2 MPa<br>3 bar...12 bar<br>43.5 psi...174 psi                                                                  |
| Pressure regulation range MPa                     | 0.25 MPa...1.2 MPa                                                                                                         |
| Pressure regulation range                         | 2.5 bar...12 bar                                                                                                           |
| Pressure regulation range psi                     | 36.25 psi...174 psi                                                                                                        |
| Max. pressure hysteresis                          | 0.015 MPa<br>0.15 bar<br>2.175 psi                                                                                         |
| Normal nominal flow rate (normalized to DIN 1343) | 550 l/min                                                                                                                  |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [:-:-]<br>Inert gases                                                                |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                                                                              |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                                                                          |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:4:-]<br>Inert gases                                                               |
| Temperature of medium                             | -10 $^\circ\text{C}$ ...60 $^\circ\text{C}$                                                                                |
| Ambient temperature                               | -10 $^\circ\text{C}$ ...60 $^\circ\text{C}$                                                                                |
| Product weight                                    | 1200 g                                                                                                                     |
| Type of mounting                                  | Alternatively:<br>In-line installation                                                                                     |

| Feature                | Value            |
|------------------------|------------------|
|                        | With accessories |
| Pneumatic connection 1 | G1/8             |
| Pneumatic connection 2 | G1/8             |
| Housing material       | Die-cast zinc    |
| Material of bowl       | PC               |