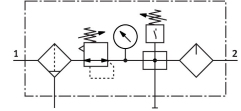


# Air preparation unit FRC-1/8-D-MINI-KB

Part number: 185803

**FESTO**



## Data sheet

| Feature                          | Value                                                                                                                    |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Size                             | Mini                                                                                                                     |
| Series                           | D                                                                                                                        |
| Actuator lock                    | Rotary knob with detent                                                                                                  |
| Mounting position                | Vertical +/- 5°                                                                                                          |
| Grade of filtration              | 40 µm                                                                                                                    |
| Condensate drain                 | Manually rotating                                                                                                        |
| Structural design                | Branching module<br>Pressure switch<br>Filter regulator with pressure gauge<br>Proportional standard oil mist lubricator |
| Max. condensate volume           | 22 cm³                                                                                                                   |
| Bowl guard                       | Metal bowl guard                                                                                                         |
| Pressure gauge                   | with pressure gauge                                                                                                      |
| Operating pressure               | 0.1 MPa...1.6 MPa<br>1 bar...16 bar<br>14.5 psi...232 psi                                                                |
| Pressure regulation range MPa    | 0.05 MPa...1.2 MPa                                                                                                       |
| Pressure regulation range        | 0.5 bar...12 bar                                                                                                         |
| Pressure regulation range psi    | 7.25 psi...174 psi                                                                                                       |
| Max. pressure hysteresis         | 0.025 MPa<br>0.25 bar<br>3.625 psi                                                                                       |
| Standard nominal flow rate       | 650 l/min                                                                                                                |
| Operating medium                 | Compressed air as per ISO 8573-1:2010 [-:~:-]<br>Inert gas                                                               |
| 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 gas                                                               |
| Temperature of medium            | -10 °C...60 °C                                                                                                           |
| Ambient temperature              | -10 °C...60 °C                                                                                                           |
| Product weight                   | 1200 g                                                                                                                   |

| Feature                | Value                                                |
|------------------------|------------------------------------------------------|
| Type of mounting       | Line installation<br>With accessories<br>Optionally: |
| Pneumatic connection 1 | G1/8                                                 |
| Pneumatic connection 2 | G1/8                                                 |
| Housing material       | Die-cast zinc                                        |
| Material of bowl       | PC                                                   |