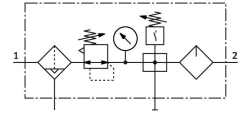


# Air preparation unit FRC-1/2-D-MIDI-KB-A

Part number: 185812

FESTO



## Data sheet

| Feature                          | Value  |
|----------------------------------|--|
| Size                             | Midi   |
| Series                           | D  |
| Actuator lock                    | Rotary knob with detent  |
| Mounting position                | Vertical +/- 5°  |
| Grade of filtration              | 40 µm  |
| Condensate drain                 | Fully automatic  |
| Structural design                | Branching module<br>Pressure switch<br>Filter regulator with pressure gauge<br>Proportional standard oil mist lubricator |
| Max. condensate volume           | 43 cm <sup>3</sup>   |
| Bowl guard                       | Metal bowl guard   |
| Pressure gauge                   | with pressure gauge  |
| Operating pressure               | 0.2 MPa...1.2 MPa<br>2 bar...12 bar<br>29 psi...174 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         | 0.035 MPa<br>0.35 bar<br>5.075 psi   |
| Standard nominal flow rate       | 2500 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                   | 2600 g   |

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