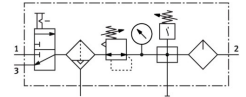


# Service unit FRC-3/8-D-MIDI-KC-A

Part number: 185822

**FESTO**



[PDF](#) General operating condition

## 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>On/off valve<br>Filter regulator with pressure gauge<br>Proportional standard oil mist lubricator |
| Max. condensate volume           | 43 ml                                                                                                                                    |
| Bowl guard                       | Metal bowl guard                                                                                                                         |
| Symbol                           | 00991548                                                                                                                                 |
| Pressure gauge                   | with pressure gauge                                                                                                                      |
| Operating pressure               | 0.15 MPa ... 1.2 MPa                                                                                                                     |
| Operating pressure               | 1.5 bar ... 12 bar                                                                                                                       |
| Operating pressure               | 21.75 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         | 0.03 MPa                                                                                                                                 |
| Max. pressure hysteresis         | 0.3 bar                                                                                                                                  |
| Max. pressure hysteresis         | 4.35 psi                                                                                                                                 |
| Standard nominal flow rate       | 1870 l/min                                                                                                                               |
| Operating medium                 | 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                   | 3000 g                                                                                                                                   |
| Type of mounting                 | With accessories                                                                                                                         |
| Pneumatic connection 1           | G3/8                                                                                                                                     |
| Pneumatic connection 2           | G3/8                                                                                                                                     |
| Housing material                 | Die-cast zinc                                                                                                                            |

| Feature          | Value |
|------------------|-------|
| Material of bowl | PC    |