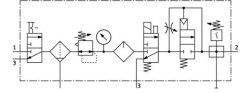
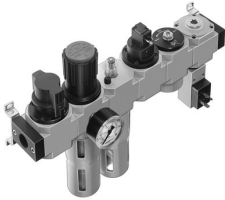


# Service unit combination FRC-1/8-D-MINI-KF

Part number: 185839

**FESTO**



 [General operating condition](#)

## 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                                                                                                                                             |
| Design                                                | Branching module<br>Pressure switch<br>On/off valve<br>Filter regulator with pressure gauge<br>Proportional standard mist lubricator<br>Safety start-up valve |
| Max. condensate volume                                | 22 ml                                                                                                                                                         |
| Bowl guard                                            | Metal bowl guard                                                                                                                                              |
| Symbol                                                | 00991563                                                                                                                                                      |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge                                                                                                                                           |
| Operating pressure                                    | 0.3 MPa ... 1.6 MPa                                                                                                                                           |
| Operating pressure                                    | 3 bar ... 16 bar                                                                                                                                              |
| Operating pressure                                    | 43.5 psi ... 232 psi                                                                                                                                          |
| Pressure regulation range                             | 0.25 MPa ... 1.2 MPa                                                                                                                                          |
| Pressure regulation range                             | 2.5 bar ... 12 bar                                                                                                                                            |
| Pressure regulation range                             | 36.25 psi ... 174 psi                                                                                                                                         |
| Max. pressure hysteresis                              | 0.02 MPa                                                                                                                                                      |
| Max. pressure hysteresis                              | 0.2 bar                                                                                                                                                       |
| Max. pressure hysteresis                              | 2.9 psi                                                                                                                                                       |
| Standard nominal flow rate (standardised to DIN 1343) | 530 l/min                                                                                                                                                     |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [-:~:]<br>Inert gases                                                                                                       |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress                                                                                                                                 |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                                                                                                             |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:-]<br>Inert gases                                                                                                      |
| Media temperature                                     | -10 °C ... 60 °C                                                                                                                                              |
| Ambient temperature                                   | -10 °C ... 60 °C                                                                                                                                              |
| Product weight                                        | 1800 g                                                                                                                                                        |
| Type of mounting                                      | Either:<br>In-line installation<br>With accessories                                                                                                           |

| Feature                      | Value         |
|------------------------------|---------------|
| Pneumatic connection, port 1 | G1/8          |
| Pneumatic connection, port 2 | G1/8          |
| Material housing             | Die-cast zinc |
| Material bowl                | PC            |