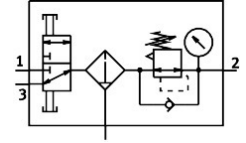


# Air preparation combination unit LFR-1/4-DB-7-MINI-KC-MPA

Part number: 3339285

**FESTO**



## Data sheet

| Feature                                  | Value                                                                                                                       |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Size                                     | Mini                                                                                                                        |
| Width                                    | 108 mm                                                                                                                      |
| Exhaust air function                     | Without flow control option                                                                                                 |
| Series                                   | DB                                                                                                                          |
| Actuation type                           | Manual                                                                                                                      |
| Actuator lock                            | Padlock (optional)<br>Rotary knob with detent                                                                               |
| Mounting position                        | Vertical +/- 5°                                                                                                             |
| Grade of filtration                      | 40 µm                                                                                                                       |
| Condensate drain                         | Manually rotating                                                                                                           |
| Structural design                        | Shut off valve filter regulator                                                                                             |
| Max. condensate volume                   | 13 ml                                                                                                                       |
| Controller function                      | Outlet pressure constant<br>With secondary exhausting<br>With return flow function<br>Without primary pressure compensation |
| Pressure gauge                           | with pressure gauge                                                                                                         |
| Operating pressure                       | 0.15 MPa...1 MPa<br>1.5 bar...10 bar<br>21 psi...145 psi                                                                    |
| Pressure regulation range MPa            | 0.05 MPa...0.7 MPa                                                                                                          |
| Pressure regulation range                | 0.5 bar...7 bar                                                                                                             |
| Pressure regulation range psi            | 7.25 psi...101.5 psi                                                                                                        |
| Max. pressure hysteresis                 | 0.5 bar                                                                                                                     |
| Max. standard flow rate                  | 2500 l/min                                                                                                                  |
| Standard nominal flow rate               | 1900 l/min                                                                                                                  |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:9:4]                                                                               |
| Information on operating and pilot media | Operation with oil lubrication not possible                                                                                 |
| Corrosion resistance class (CRC)         | 1 - Low corrosion stress                                                                                                    |
| LABS (PWIS) conformity                   | VDMA24364-B1/B2-L                                                                                                           |
| Storage temperature                      | -5 °C...50 °C                                                                                                               |
| Air quality class at the output          | Compressed air as per ISO 8573-1:2010 [7:8:4]                                                                               |
| Temperature of medium                    | -5 °C...50 °C                                                                                                               |

| Feature                        | Value                                                                          |
|--------------------------------|--------------------------------------------------------------------------------|
| Ambient temperature            | -5 °C...50 °C                                                                  |
| Product weight                 | 245 g                                                                          |
| Type of mounting               | Optionally:<br>Line installation<br>With through-hole<br>With mounting bracket |
| Pressure gauge connection      | G1/8                                                                           |
| Pneumatic connection 1         | G1/4                                                                           |
| Pneumatic connection 2         | G $\frac{1}{4}$                                                                |
| Note on materials              | RoHS-compliant                                                                 |
| Seals material                 | NBR                                                                            |
| Seal material, shut off valve  | FPM                                                                            |
| Rotary knob material           | POM                                                                            |
| Compressed air filter material | PE                                                                             |
| Housing material               | PA-reinforced                                                                  |
| Piston slide material          | POM                                                                            |
| Material of bowl               | PC                                                                             |