

# Air preparation combination unit MSB6N-1/4-FRC1:J5M1

Part number: 534003

**FESTO**



## Data sheet

| Feature                                           | Value                                                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Size                                              | 6                                                                                                                              |
| Series                                            | MS                                                                                                                             |
| Actuator lock                                     | Rotary knob with integrated lock                                                                                               |
| Mounting position                                 | Vertical $\pm 5^\circ$                                                                                                         |
| Grade of filtration                               | 40 $\mu\text{m}$                                                                                                               |
| Condensate drain                                  | Manual, rotating                                                                                                               |
| Structural design                                 | Filter regulator with pressure gauge<br>Proportional standard oil mist lubricator                                              |
| Controller function                               | Constant output pressure<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow characteristic |
| Bowl guard                                        | Plastic bowl guard                                                                                                             |
| Pressure gauge                                    | with pressure gauge                                                                                                            |
| Operating pressure                                | 1.5 bar...20 bar                                                                                                               |
| Pressure regulation range                         | 0.3 bar...7 bar                                                                                                                |
| Normal nominal flow rate (normalized to DIN 1343) | 2100 l/min                                                                                                                     |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [::4:-]<br>Inert gases                                                                   |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use)                                                             |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                                                                                  |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                                                                              |
| Storage temperature                               | -10 °C...60 °C                                                                                                                 |
| For use in the food industry                      | See supplementary material information                                                                                         |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:4:-]                                                                                  |
| Temperature of medium                             | -10 °C...60 °C                                                                                                                 |
| Ambient temperature                               | -10 °C...60 °C                                                                                                                 |
| Product weight                                    | 1495 g                                                                                                                         |
| Type of mounting                                  | With accessories                                                                                                               |
| Pneumatic connection 1                            | 1/4 NPT                                                                                                                        |
| Pneumatic connection 2                            | 1/4 NPT                                                                                                                        |
| Note on materials                                 | RoHS compliant                                                                                                                 |