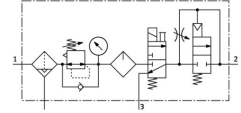


# Air preparation combination unit MSB6N-1/2:J2M1D7A1-WP

Part number: 550510

**FESTO**



 General operating condition

## Data sheet

| Feature                                  | Value                                                                                                                    |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Size                                     | 6                                                                                                                        |
| Series                                   | MS                                                                                                                       |
| Actuator lock                            | Rotary knob with detent<br>can be closed with accessories                                                                |
| Mounting position                        | Vertical +/- 5°                                                                                                          |
| Grade of filtration                      | 40 µm                                                                                                                    |
| Condensate drain                         | Fully automatic                                                                                                          |
| Structural design                        | Soft-start valve<br>On/off valve<br>Filter regulator with pressure gauge<br>Standard oil mist lubricator                 |
| Controller function                      | Outlet pressure constant<br>With primary pressure compensation<br>With secondary exhausting<br>With return flow function |
| Bowl guard                               | Plastic bowl guard                                                                                                       |
| Symbol                                   | 00991764                                                                                                                 |
| Pressure gauge                           | with pressure gauge                                                                                                      |
| Operating pressure                       | 4.5 bar ... 10 bar                                                                                                       |
| Pressure regulation range                | 4 bar ... 9 bar                                                                                                          |
| Standard nominal flow rate               | 2000 l/min                                                                                                               |
| Coil characteristics                     | 24 V DC: 2.5 W                                                                                                           |
| Operating medium                         | Compressed air as per ISO 8573-1:2010 [7:4:-]<br>Inert gas                                                               |
| 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                    | 5 °C ... 50 °C                                                                                                           |
| Ambient temperature                      | 5 °C ... 50 °C                                                                                                           |
| Product weight                           | 3000 g                                                                                                                   |
| Type of mounting                         | With accessories                                                                                                         |
| Pneumatic connection 1                   | 1/2 NPT                                                                                                                  |
| Pneumatic connection 2                   | 1/2 NPT                                                                                                                  |
| Pneumatic connection 3                   | G1/2                                                                                                                     |
| Note on materials                        | RoHS-compliant                                                                                                           |

| Feature          | Value             |
|------------------|-------------------|
| Housing material | Die-cast aluminum |
| Material of bowl | PC                |