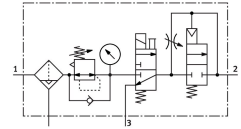


# Air preparation combination unit MSB6N-1/2:J4D1A1-WP

Part number: 541477

**FESTO**



## Data sheet

| Feature                                           | Value                                                                                                                          |
|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Size                                              | 6                                                                                                                              |
| Series                                            | MS                                                                                                                             |
| Actuator lock                                     | Rotary knob with detent<br>can be closed with accessories                                                                      |
| Mounting position                                 | Vertical $\pm 5^\circ$                                                                                                         |
| Grade of filtration                               | 5 $\mu\text{m}$                                                                                                                |
| Condensate drain                                  | Fully automatic                                                                                                                |
| Structural design                                 | Soft-start valve<br>On/off valve<br>Filter regulator with pressure gauge                                                       |
| 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                                | 4.5 bar...12 bar                                                                                                               |
| Pressure regulation range                         | 4 bar...12 bar                                                                                                                 |
| Normal nominal flow rate (normalized to DIN 1343) | 3000 l/min                                                                                                                     |
| Coil characteristics                              | 24 V DC: 1.5 W                                                                                                                 |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:-]<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 [6:4:4]                                                                                  |
| Temperature of medium                             | 5 °C...60 °C                                                                                                                   |
| Ambient temperature                               | 5 °C...60 °C                                                                                                                   |
| Product weight                                    | 2400 g                                                                                                                         |
| Type of mounting                                  | With accessories                                                                                                               |
| Pneumatic connection 1                            | 1/2 NPT                                                                                                                        |

| Feature                | Value             |
|------------------------|-------------------|
| Pneumatic connection 2 | 1/2 NPT           |
| Pneumatic connection 3 | G1/2              |
| Note on materials      | RoHS compliant    |
| Housing material       | Die-cast aluminum |
| Material of bowl       | PC                |