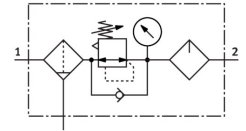


# Air preparation combination unit MSB4N

Part number: 532306

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                      | Value                                                                                                                                                                |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                                         | 4                                                                                                                                                                    |
| Series                                       | MS                                                                                                                                                                   |
| Actuation type                               | Electrical<br>Manual<br>Pneumatic                                                                                                                                    |
| Actuator lock                                | Rotary knob with integrated lock                                                                                                                                     |
| Mounting position                            | Any<br>Vertical +/- 5°                                                                                                                                               |
| Grade of filtration                          | 0.01 µm ... 40 µm                                                                                                                                                    |
| Condensate drain                             | Fully automatic<br>Manually rotating<br>Semi-automatic                                                                                                               |
| Structural design                            | with non-return function                                                                                                                                             |
| 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                                       | 00991761                                                                                                                                                             |
| Differential pressure display                | Visual display<br>With pressure sensor                                                                                                                               |
| Pressure gauge                               | with pressure sensor<br>with pressure gauge                                                                                                                          |
| Operating pressure                           | 1.5 bar ... 14 bar                                                                                                                                                   |
| Pressure regulation range                    | 0.3 bar ... 7 bar                                                                                                                                                    |
| Standard nominal flow rate                   | 800 l/min ... 1400 l/min                                                                                                                                             |
| Coil characteristics                         | 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA<br>230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA<br>24 V DC: 1.5 W<br>24 V DC: 1.8 W |
| Certification                                | c UL us - Recognized (OL)                                                                                                                                            |
| CE marking (see declaration of conformity)   | As per EU EMC directive<br>As per EU RoHS directive                                                                                                                  |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK RoHS instructions                                                                                                                |
| 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                                                                                                                                                     |

| Feature                      | Value                                  |
|------------------------------|----------------------------------------|
| For use in the food industry | See supplementary material information |
| Temperature of medium        | -10 °C ... 60 °C                       |
| Ambient temperature          | -10 °C ... 60 °C                       |
| Type of mounting             | With accessories                       |
| Pneumatic connection 1       | 1/8 NPT<br>1/4 NPT                     |
| Pneumatic connection 2       | 1/8 NPT<br>1/4 NPT                     |
| Pneumatic connection 3       | G1/4<br>1/4 NPT                        |
| Housing material             | Die-cast aluminum                      |
| Material of bowl             | PC                                     |