

# Air preparation combination unit MSE6-E2M-5000-FB13-AGD

Part number: 2465321

**FESTO**



## Data sheet

| Feature                                      | Value                                                       |
|----------------------------------------------|-------------------------------------------------------------|
| Size                                         | 6                                                           |
| Series                                       | MSE                                                         |
| Mounting position                            | Horizontal +/- 5°                                           |
| Valve function                               | 2/2, open, monostable                                       |
| Reset method                                 | Mechanical spring                                           |
| Operating pressure                           | 0.35 MPa...1 MPa<br>3.5 bar...10 bar<br>50.75 psi...145 psi |
| Pressure regulation range MPa                | 0.25 MPa...1 MPa                                            |
| Pressure regulation range                    | 2.5 bar...10 bar                                            |
| Pressure regulation range psi                | 36.25 psi...145 psi                                         |
| Max. pressure hysteresis                     | 0.03 MPa<br>0.3 bar<br>4.35 psi                             |
| Standard nominal flow rate                   | 4500 l/min                                                  |
| Duty cycle                                   | 100%                                                        |
| Max. load current consumption                | 100 mA                                                      |
| Logic max. current consumption               | 300 mA                                                      |
| Certification                                | RCM compliance mark                                         |
| KC characters                                | KC EMC                                                      |
| 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       |
| Operating medium                             | Compressed air as per ISO 8573-1:2010 [7:4:4]               |
| Information on operating and pilot media     | Operation with oil lubrication not possible                 |
| LABS (PWIS) conformity                       | VDMA24364-B1/B2-L                                           |
| Storage temperature                          | -10 °C...60 °C                                              |
| Temperature of medium                        | 0 °C...50 °C                                                |
| Degree of protection                         | IP65<br>With plug socket                                    |
| Ambient temperature                          | 0 °C...50 °C                                                |
| Product weight                               | 3300 g                                                      |

| Feature                                        | Value                                                 |
|------------------------------------------------|-------------------------------------------------------|
| Electrical connection                          | 4-pin<br>M18<br>Plug                                  |
| Pneumatic connection 1                         | G1/2                                                  |
| Pneumatic connection 2                         | G1/2                                                  |
| Seals material                                 | NBR                                                   |
| Housing material                               | Die-cast aluminum                                     |
| Covering material                              | PA-reinforced                                         |
| Cover material                                 | PA-reinforced                                         |
| Fieldbus interface                             | Sub-D socket, 9-pin                                   |
| Operating voltage range DC electronics/sensors | 18 V...30 V                                           |
| DC load voltage operating voltage range        | 18 V...26.4 V                                         |
| Reverse polarity protection                    | for operating voltage connections                     |
| Displayable unit(s)                            | kPa<br>l<br>l/min<br>m3<br>mbar<br>psi<br>scf<br>scfm |
| Flow measuring range start value               | 50 l/min                                              |
| Flow measuring range end value                 | 5000 l/min                                            |
| Accuracy of flow rate                          | ± (3% o.m.v. + 0.3% FS)                               |
| Pressure measuring range initial value         | 0 MPa<br>0 bar<br>0 psi                               |
| Pressure measuring range end value             | 1.4 MPa<br>14 bar<br>203 psi                          |
| Accuracy in ± % FS                             | 3 %FS                                                 |