

**Service unit**  
**MS6-EM1FR-1/2-D6-C-P-M-A8-WP-F1A-B**  
 Part number: 8176531

**FESTO**



**Data sheet**

| Feature                                            | Value                                                                               |
|----------------------------------------------------|-------------------------------------------------------------------------------------|
| Size                                               | 6                                                                                   |
| Series                                             | MS                                                                                  |
| Mounting position                                  | Vertical ±5°                                                                        |
| Pressure gauge                                     | Set up for G1/8                                                                     |
| Operating pressure                                 | 0.1 MPa...1 MPa<br>1 bar...10 bar<br>14.5 psi...145 psi                             |
| Standard flow rate exhaust 6-> 0 bar               | 3600 l/min                                                                          |
| Normal nominal flow rate (normalized to DIN 1343)  | 4750 l/min                                                                          |
| Operating medium                                   | Compressed air as per ISO 8573-1:2010 [7:4:4]                                       |
| Information on operating and pilot media           | Compatibility with ester oil not given                                              |
| Corrosion resistance class (CRC)                   | 1 - Low corrosion stress                                                            |
| LABS (PWIS) conformity                             | VDMA24364-B1/B2-L                                                                   |
| Suitability for the production of Li-ion batteries | Suitable for battery production with reduced Cu/Zn/Ni values (F1a)                  |
| Storage temperature                                | -5 °C...50 °C                                                                       |
| Temperature of medium                              | -5 °C...50 °C                                                                       |
| Ambient temperature                                | -5 °C...50 °C                                                                       |
| Product weight                                     | 1250 g                                                                              |
| Type of mounting                                   | Alternatively:<br>In-line installation<br>With mounting bracket<br>With accessories |
| Note on materials                                  | RoHS compliant                                                                      |