

# Service unit MS6-EM1FR-1/2-D6-C-P-M-A8-WP-F1A-B

Part number: 8176531

**FESTO**



## Data sheet

 General operating condition

| Feature                                                              | Value                                                                                                                                                    |
|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Size                                                                 | 6                                                                                                                                                        |
| Series                                                               | MS                                                                                                                                                       |
| Mounting position                                                    | Vertical +/-5°                                                                                                                                           |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL)                | Prepared for G1/8                                                                                                                                        |
| Operating pressure                                                   | 0.1 MPa ... 1 MPa                                                                                                                                        |
| Operating pressure                                                   | 1 bar ... 10 bar                                                                                                                                         |
| Operating pressure                                                   | 14.5 psi ... 145 psi                                                                                                                                     |
| Standard nominal flow rate, exhaust 0.6-10 MPa (6-10 bar, 87-10 psi) | 3600 l/min                                                                                                                                               |
| Standard nominal flow rate (standardised to DIN 1343)                | 4750 l/min                                                                                                                                               |
| Operating medium                                                     | Compressed air to ISO 8573-1:2010 [7:4:4]                                                                                                                |
| Note on operating and pilot medium                                   | Compatibility with ester oil not guaranteed                                                                                                              |
| 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 according to the Festo internal definition of the degree of severity F1A with restrictions regarding the use of Cu/Zn/Ni |
| Storage temperature                                                  | -5 °C ... 50 °C                                                                                                                                          |
| Media temperature                                                    | -5 °C ... 50 °C                                                                                                                                          |
| Ambient temperature                                                  | -5 °C ... 50 °C                                                                                                                                          |
| Product weight                                                       | 1250 g                                                                                                                                                   |
| Type of mounting                                                     | Either:<br>In-line installation<br>Via mounting bracket<br>With accessories                                                                              |
| Note on materials                                                    | RoHS-compliant                                                                                                                                           |