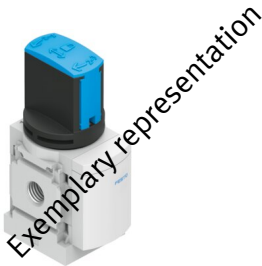


# On/off valve MS4-EM1

Part number: 541266

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature   | Value   |
|---|---|
| Design  | Rotary switching valve  |
| Type of actuation                                     | Manual  |
| Exhaust-air function                                  | Cannot be throttled   |
| Type of piloting                                      | Direct  |
| Valve function  | 3/2-way, double solenoid  |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/4<br>Prepared for G1/8<br>With pressure sensor<br>With pressure gauge                 |
| Operating pressure                                    | 0 bar ... 14 bar  |
| Standard nominal flow rate (standardised to DIN 1343) | 1200 l/min ... 2200 l/min   |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gas  |
| Note on operating and pilot medium                    | Lubricated operation possible (in which case lubricated operation will always be required)            |
| Corrosion resistance class CRC                        | 2 - Moderate corrosion stress   |
| Note on materials                                     | RoHS compliant  |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L   |
| Media temperature                                     | -10 °C ... 60 °C  |
| Ambient temperature                                   | -10 °C ... 60 °C  |
| Approval  | c UL us - Recognised (Oil)  |
| CE mark (see declaration of conformity)               | To EU Explosion Protection Directive (ATEX)   |
| UKCA marking (see declaration of conformity)          | To UK EX instructions   |
| Explosion protection certification outside the EU     | EPL Db (GB)<br>EPL Gb (GB)  |
| Explosion protection                                  | Zone 1 (ATEX)<br>Zone 1 (UKEX)<br>Zone 2 (ATEX)<br>Zone 21 (ATEX)<br>Zone 21 (UKEX)<br>Zone 22 (ATEX) |
| ATEX category gas                                     | II 2G   |
| ATEX category dust                                    | II 2D   |
| Explosion ignition protection type for gas            | Ex h IIC T6 Gb X  |
| Explosion ignition protection type for dust           | Ex h IIIC T60°C Db X  |
| Explosion ambient temperature                         | -10°C ≤ Ta ≤ +60°C  |
| Suitable for use with food                            | See supplementary material information  |

| Feature                      | Value  |
|------------------------------|--|
| Type of mounting             | Either:<br>Inline installation<br>With accessories |
| Mounting position            | Any  |
| Flow direction               | Non-reversible                                     |
| Pneumatic connection, port 3 | G1/4   |
| Material seals               | TPE-U(PU)  |
| Material housing             | Die-cast aluminium                                 |