

# On/off valve MS6-EM1-1/4

Part number: 541271

FESTO



 General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Structural design                                 | Rotary vane  |
| Actuation type                                    | Manual   |
| Exhaust air function                              | Cannot be throttled  |
| Type of control                                   | directly   |
| Symbol  | 00991670   |
| Valve function                                    | 3/2-way, bistable  |
| Operating pressure                                | 0 bar ... 18 bar   |
| C value   | 10.7 l/sbar  |
| b-value   | 0.56   |
| Normal nominal flow rate (normalized to DIN 1343) | 3000 l/min   |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases       |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                      |
| Note on materials                                 | RoHS compliant   |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L  |
| Temperature of medium                             | -10 °C ... 60 °C   |
| Ambient temperature                               | -10 °C ... 60 °C   |
| For use in the food industry                      | See supplementary material information                             |
| Type of mounting                                  | Alternatively:<br>In-line installation<br>With accessories         |
| Mounting position                                 | Any  |
| Flow direction                                    | Non-reversible   |
| Product weight                                    | 580 g  |
| Pneumatic connection 1                            | G1/4   |
| Pneumatic connection 2                            | G1/4   |
| Pneumatic connection 3                            | G1/2   |
| Seals material                                    | TPE-U(PU)  |
| Housing material                                  | Die-cast aluminum  |