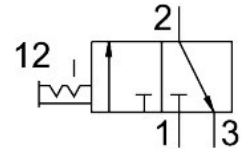


**On/off valve**  
**MS6N-EM1-3/8**  
Part number: 541 297

**FESTO**



**Data sheet**

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Structural design                                 | Rotary vane                                                        |
| Actuation type                                    | Manual                                                             |
| Exhaust air function                              | Cannot be throttled                                                |
| Type of control                                   | directly                                                           |
| Valve function                                    | 3/2-way, bistable                                                  |
| Operating pressure                                | 0 bar...18 bar                                                     |
| C value                                           | 21.2 l/sbar                                                        |
| b-value                                           | 0.49                                                               |
| Normal nominal flow rate (normalized to DIN 1343) | 5500 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                            | 3/8 NPT                                                            |
| Pneumatic connection 2                            | 3/8 NPT                                                            |
| Pneumatic connection 3                            | 1/2 NPT                                                            |
| Seals material                                    | TPE-U(PU)                                                          |
| Housing material                                  | Die-cast aluminum                                                  |