# On/off valve
# MS6-EM1
Part number: 541279



## Data sheet

| 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 |
| Operating pressure | 0 bar...18 bar |
| Standard nominal flow rate (standardised to DIN 1343) | 3000 l/min...8700 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 |
| Type of mounting | Either: |

| Feature | Value |
|---|---|
| | Inline installation<br>With accessories |
| Mounting position | Any |
| Flow direction | Non-reversible |
| Pneumatic connection, port 3 | G1/2 |
| Material seals | TPE-U(PU) |
| Material housing | Die-cast aluminium |