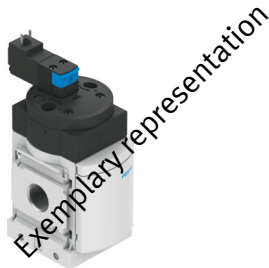# Soft start valve
## MS6-DE

Part number: 527686



Exemplary representation

📄 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|---|
| Type of actuation | Electric |
| Mounting position | optional |
| Manual override | Detenting<br>Non-detenting |
| Design | Piston seat |
| Type of reset | Mechanical spring |
| Type of piloting | Pilot actuated |
| Pilot air supply | Internal |
| Flow direction | Non-reversible |
| Valve function | 2/2 |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Via pressure sensor |
| Switching position indicator | With accessories |
| Operating pressure | 4 bar ... 18 bar |
| Standard nominal flow rate (standardised to DIN 1343) | 2600 l/min ... 6450 l/min |
| Duty cycle | 100% |
| Approval | c UL - Recognized (OL)<br>c UL us - Recognized (OL) |
| KC mark | KC-EMV |
| CE mark (see declaration of conformity) | To EU EMC Directive<br>To EU Explosion Protection Directive (ATEX)<br>To EU Low Voltage Directive<br>In accordance with EU RoHS Directive |
| UKCA marking (see declaration of conformity) | To UK instructions for EMC<br>To UK EX instructions<br>To UK RoHS instructions<br>To UK regulations for electrical equipment |
| Explosion protection certification outside the EU | EPL Dc (GB)<br>EPL Gc (GB) |
| Explosion protection | Zone 2 (ATEX)<br>Zone 2 (UKEX)<br>Zone 22 (ATEX)<br>Zone 22 (UKEX) |
| ATEX category gas | II 3G |
| ATEX category dust | II 3D |
| Explosion ignition protection type for gas | Ex nA IIC T4 X Gc |
| Explosion ignition protection type for dust | Ex tc IIIC T105ºC IP65 Dc X |
| Explosion ambient temperature | -10 ºC <= Ta <= +60 ºC |

| Feature | Value |
|---|---|
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] <br> Inert gases |
| 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 |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Suitable for use with food | See supplementary material information |
| Media temperature | -10 ºC ... 60 ºC |
| Degree of protection | IP65 |
| Ambient temperature | -10 ºC ... 60 ºC |
| Product weight | 680 g |
| Electrical connection | Type C <br> Plugs <br> To DIN EN 175301-803 <br> Square design |
| Signal status display | With accessories |
| Type of mounting | Either: <br> In-line installation <br> With accessories |
| Note on materials | RoHS-compliant |
| Material seals | NBR |
| Material housing | Die-cast aluminium |