# Soft-start valve
# MS4-DL

Part number: 527711




General operating condition
Soft-start valve
Product details
Category page

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature | Value |
|---|---|
| Exhaust-air function | Can be throttled |
| Type of actuation | Pneumatic |
| Mounting position | Any |
| Manual override | None |
| Design | Piston seat |
| Type of reset | Mechanical spring |
| Type of piloting | Direct |
| Pilot air supply | External |
| Flow direction | Non-reversible |
| Valve function | 2/2 |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | With pressure gauge |
| Operating pressure | 4 bar ... 14 bar |
| Standard nominal flow rate (standardised to DIN 1343) | 1000 l/min ... 2000 l/min |
| 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 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 |
| 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 |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Suitable for use with food | See supplementary material information |
| Media temperature | -10 °C ... 60 °C |
| Ambient temperature | -10 °C ... 60 °C |

| Feature | Value |
|---|---|
| Product weight | 213 g |
| Type of mounting | With accessories |
| Note on materials | RoHS compliant |
| Material seals | NBR |
| Material housing | Die-cast aluminium |