

# Soft start valve MS4-DL

Part number: 527711

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

| Feature                                               | Value                                                                                                 |
|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Exhaust-air function                                  | With flow control option                                                                              |
| Type of actuation                                     | Pneumatic                                                                                             |
| Mounting position                                     | optional                                                                                              |
| 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) | Prepared for G1/4<br>Prepared for G1/8<br>Via pressure sensor<br>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 - Recognized (OL)                                                                             |
| 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                                                                                  |
| 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                                                                                     |

| Feature                    | Value                                               |
|----------------------------|-----------------------------------------------------|
| Suitable for use with food | See supplementary material information              |
| Media temperature          | -10 °C ... 60 °C                                    |
| Ambient temperature        | -10 °C ... 60 °C                                    |
| Product weight             | 213 g                                               |
| Type of mounting           | Either:<br>In-line installation<br>With accessories |
| Note on materials          | RoHS-compliant                                      |
| Material seals             | NBR                                                 |
| Material housing           | Die-cast aluminium                                  |