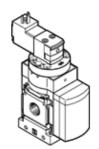
## Pressure build-up valve MS4N-DE-1/4-10V24-Z Part number: 542570



To slowly pressurize and exhaust pneumatic systems, flow direction from right to left  $% \left( 1\right) =\left( 1\right) \left( 1\right) \left($ 





## **Data sheet**

| Feature                                 | Value  |
|---|--|
| Type of actuation                       | electrical   |
| Assembly position                       | Any  |
| Manual override                         | detenting  |
|   | Pushing  |
| Design structure                        | Piston seat  |
| Type of reset                           | mechanical spring  |
| Type of piloting                        | Piloted  |
| Pilot air supply                        | Internal   |
| Flow direction                          | non reversible   |
| Valve function                          | 2/2  |
| Switching position indicator            | with accessories   |
| Working pressure                        | 4 10 bar   |
| b value                                 | 0.45   |
| C value                                 | 9.6 l/sbar   |
| Standard nominal flow rate              | 2,000 l/min  |
| Duty cycle                              | 100 %  |
| Characteristic coil data                | 24 V DC: 1.8 W   |
| Authorization                           | c UL us - Recognized (OL)  |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]         |
|   | Inert gases  |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further |
|   | operation)   |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress                                    |
| PWIS conformity                         | VDMA24364-B2-L   |
| Food-safe                               | See Supplementary material information                           |
| Medium temperature                      | -10 50 °C  |
| Protection class                        | IP65   |
| Ambient temperature                     | -10 50 °C  |
| Product weight                          | 263 g  |
| Electrical connection                   | Plug pattern type C to EN 175301-803                             |
|   | Plug   |
|   | Per DIN EN 175301-803  |
|   | Cubic design   |
| Signal status display                   | with accessories   |
| Mounting type                           | Line installation  |
|   | with accessories   |
|   | Optional   |
| Pneumatic connection, port 1            | 1/4 NPT  |
| Pneumatic connection, port 2            | 1/4 NPT  |
| Materials note                          | Conforms to RoHS   |
| Material seals                          | NBR  |
| Material housing                        | Aluminum die cast  |