

# on-off valve MS6N-EE-1/2-10V24-Z

Part number: 542596

FESTO

Electrical, direction of flow: from right to left.



## Data sheet

| Feature                                 | Value   |
|---|---|
| Design structure                        | Piston slide  |
| Type of actuation                       | electrical  |
| Exhaust-air function                    | not throttleable  |
| Manual override                         | Pushing   |
| Type of reset                           | mechanical spring   |
| Type of piloting                        | Piloted   |
| Valve function                          | 3/2 closed, monostable  |
| Operating pressure                      | 4 ... 10 bar  |
| C value                                 | 29 l/sbar   |
| b value                                 | 0.4   |
| Standard nominal flow rate              | 7,000 l/min   |
| Duty cycle                              | 100 %   |
| Characteristic coil data                | 24 V DC: 2.5 W  |
| Permissible voltage fluctuation         | +/- 10 %  |
| Operating medium                        | Compressed air in accordance with ISO8573-1:2010 [7:4:4]<br>Inert gases               |
| Note on operating and pilot medium      | Lubricated operation possible (subsequently required for further operation)           |
| Corrosion resistance classification CRC | 2 - Moderate corrosion stress   |
| Materials note                          | Conforms to RoHS  |
| PWIS conformity                         | VDMA24364-B2-L  |
| Medium temperature                      | -10 ... 60 °C   |
| Protection class                        | IP65  |
| Ambient temperature                     | -10 ... 50 °C   |
| Authorisation                           | c UL us - Recognized (OL)   |
| Food-safe                               | See Supplementary material information  |
| Mounting type                           | Line installation<br>with accessories<br>Optional                                     |
| Assembly position                       | Any   |
| Flow direction                          | non reversible  |
| Product weight                          | 740 g   |
| Pneumatic connection, port 1            | 1/2 NPT   |
| Pneumatic connection, port 2            | 1/2 NPT   |
| Pneumatic connection, port 3            | G1/2  |
| Pilot air supply                        | Internal  |
| Electrical connection                   | Plug pattern type C to EN 175301-803<br>Plug<br>Per DIN EN 175301-803<br>Cubic design |
| Material seals                          | NBR   |
| Material housing                        | Aluminium die cast  |