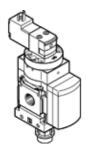
## on-off valve MS4-EE-1/4-V110 Part number: 529535

Electrical, direction of flow: from left to right.



## **Data sheet**

| Feature                                 | Value  |
|---|--|
| Design structure                        | Piston slide   |
| Type of actuation                       | electrical   |
| Exhaust-air function                    | not throttleable   |
| Manual override                         | detenting  |
|   | Pushing  |
| Type of reset                           | mechanical spring  |
| Type of piloting                        | Piloted  |
| Valve function                          | 3/2 closed, monostable   |
| Operating pressure                      | 4 14 bar   |
| C value                                 | 9.5 l/sbar   |
| b value                                 | 0.44   |
| Standard nominal flow rate              | 2,000 l/min  |
| Duty cycle                              | 100 %  |
| Characteristic coil data                | 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA     |
| 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                                    |
| Materials note                          | Free of copper and PTFE  |
|   | Conforms to RoHS   |
| Medium temperature                      | -10 60 °C  |
| Protection class                        | IP65   |
| Ambient temperature                     | -10 60 °C  |
| Food-safe                               | See Supplementary material information                           |
| Mounting type                           | Line installation  |
|   | with accessories   |
|   | Optional   |
| Assembly position                       | Any  |
| Flow direction                          | non reversible   |
| Product weight                          | 273 g  |
| Pneumatic connection, port 1            | G1/4   |
| Pneumatic connection, port 2            | G1/4   |
| Pneumatic connection, port 3            | G1/4   |
| Pilot air supply                        | Internal   |
| Electrical connection                   | Plug pattern type C to EN 175301-803                             |
|   | Plug   |
|   | Per DIN EN 175301-803  |
|   | Cubic design   |
| Material seals                          | NBR  |
| Material housing                        | Aluminium die cast   |

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**FESTO** 

