

# On/off valve HEE-1/4-D-MINI-24

Part number: 165071

FESTO



General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Design  | Piston gate valve  |
| Type of actuation                                     | Electric   |
| Sealing principle                                     | Soft   |
| Exhaust-air function                                  | Without flow control option  |
| Manual override                                       | Detenting  |
| Type of reset   | Mechanical spring  |
| Type of piloting                                      | Pilot actuated   |
| Symbol  | 00991008   |
| Valve function  | 3/2-way, closed, monostable  |
| Operating pressure                                    | 0.25 MPa ... 1.6 MPa   |
| Operating pressure                                    | 2.5 bar ... 16 bar   |
| lap   | Overlap  |
| C value   | 7 l/sbar   |
| b value   | 0.31   |
| Standard nominal flow rate (standardised to DIN 1343) | 1500 l/min   |
| Duty cycle  | 100%   |
| Characteristic coil data                              | 24 V DC: 2.5 W   |
| Permissible voltage fluctuations                      | +/- 10 %   |
| 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  |
| Note on materials                                     | RoHS-compliant   |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L  |
| Media temperature                                     | -10 °C ... 60 °C   |
| Ambient temperature                                   | -10 °C ... 60 °C   |
| Type of mounting                                      | In-line installation<br>With accessories   |
| Mounting position                                     | optional   |
| Flow direction  | Non-reversible   |
| Product weight  | 223 g  |
| Pneumatic connection, port 1                          | G1/4   |
| Pneumatic connection, port 2                          | G1/4   |
| Pneumatic connection, port 3                          | G1/8   |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gases                                   |

| <b>Feature</b>        | <b>Value</b>                            |
|-----------------------|---|
| Electrical connection | Type C<br>Plugs<br>To DIN EN 175301-803 |
| Signal status display | With accessories                        |
| Material seals        | NBR                                     |
| Material housing      | Die-cast aluminium                      |