

# On/off valve HEE-1-D-MAXI-24-NPT

Part number: 173914

FESTO



General operating condition

## Data sheet

| Feature   | Value  |
|---|--|
| Width dimension                                   | 65 mm  |
| Structural design                                 | Piston gate valve  |
| Actuation type                                    | Electrical   |
| Sealing principle                                 | Soft   |
| Exhaust air function                              | Without flow control option  |
| Manual override                                   | Detenting  |
| Reset method                                      | Mechanical spring  |
| Type of control                                   | Pilot-controlled   |
| Symbol  | 00991008   |
| Valve function                                    | 3/2, closed, monostable  |
| Operating pressure                                | 0.25 MPa ... 1.6 MPa   |
| Operating pressure                                | 2.5 bar ... 16 bar   |
| Lap   | Overlap  |
| C value   | 27.6 l/sbar  |
| b-value   | 0.32   |
| Normal nominal flow rate (normalized to DIN 1343) | 6500 l/min   |
| Duty cycle  | 100%   |
| Coil characteristics                              | 24 V DC: 2.5 W   |
| Permissible voltage fluctuations                  | +/- 10 %   |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas         |
| Information on operating and pilot media          | Operation with oil lubrication possible (required for further use) |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                      |
| Note on materials                                 | RoHS-compliant   |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L  |
| Temperature of medium                             | -10 °C ... 60 °C   |
| Ambient temperature                               | -10 °C ... 60 °C   |
| Type of mounting                                  | Line installation<br>With accessories                              |
| Mounting position                                 | Any  |
| Flow direction                                    | Non-reversible   |
| Product weight                                    | 800 g  |
| Pneumatic connection 1                            | 1 NPT  |
| Pneumatic connection 2                            | 1 NPT  |
| Pneumatic connection 3                            | G3/8   |

| Feature                         | Value  |
|---------------------------------|--|
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gas |
| Pilot air supply port           | Internal   |
| Electrical connection           | Form C<br>Plug<br>as per DIN EN 175301-803                 |
| Signal status display           | With accessories   |
| Seals material                  | NBR  |
| Housing material                | Die-cast aluminum  |