

On/off valve HEE-1/4-D-MINI-110-NPT

Part number: 173903

FESTO



General operating condition

Data sheet

| Feature | Value |
|---|--|
| Grid dimension | 40 mm |
| 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 | 110 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VA |
| Permissible voltage fluctuations | +/- 10 % |
| Operating medium | Compressed air to ISO 8573-1:2010 [7:4:4] 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 |
| CE mark (see declaration of conformity) | To EU Low Voltage Directive |
| UKCA marking (see declaration of conformity) | To UK regulations for electrical equipment |
| Type of mounting | In-line installation With accessories |
| Mounting position | optional |
| Flow direction | Non-reversible |
| Product weight | 223 g |
| Pneumatic connection, port 1 | 1/4 NPT |

| Feature | Value |
|------------------------------|--|
| Pneumatic connection, port 2 | 1/4 NPT |
| Pneumatic connection, port 3 | G1/8 |
| Air purity class at output | Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases |
| Pilot air supply | Internal |
| Electrical connection | Type C Plugs To DIN EN 175301-803 |
| Signal status display | With accessories |
| Material seals | NBR |
| Material housing | Die-cast aluminium |