

On/off valve HEE-1/8-D-MINI-110-NPT

Part number: 173901

FESTO



General operating condition

Data sheet

| Feature | Value |
|---|--|
| Width dimension | 40 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 | 4.4 l/sbar |
| b-value | 0.44 |
| Normal nominal flow rate (normalized to DIN 1343) | 1000 l/min |
| Duty cycle | 100% |
| Coil characteristics | 110 V AC: 50/60 Hz, initial power 5.0 VA, holding power 3.7 VA |
| Permissible voltage fluctuations | +/- 10 % |
| Operating medium | Compressed air as per ISO 8573-1:2010 [7:4:4] 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 |
| CE marking (see declaration of conformity) | As per EU low voltage directive |
| UKCA marking (see declaration of conformity) | To UK instructions for electrical equipment |
| Type of mounting | Line installation With accessories |
| Mounting position | Any |
| Flow direction | Non-reversible |
| Product weight | 223 g |
| Pneumatic connection 1 | 1/8 NPT |
| Pneumatic connection 2 | 1/8 NPT |

| Feature | Value |
|---------------------------------|--|
| Pneumatic connection 3 | G1/8 |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas |
| Pilot air supply port | Internal |
| Electrical connection | Form C Plug as per DIN EN 175301-803 |
| Signal status display | With accessories |
| Seals material | NBR |
| Housing material | Die-cast aluminum |