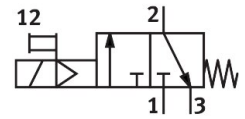


# On/off valve HEE-1/4-D-MINI-110-NPT

Part number: 173903

**FESTO**



## Data sheet

| Feature                                           | Value                                                              |
|---------------------------------------------------|--------------------------------------------------------------------|
| Width dimension                                   | 40 mm                                                              |
| Structural design                                 | Piston gate valve                                                  |
| Actuation type                                    | Electrical                                                         |
| Sealing principle                                 | Soft                                                               |
| Exhaust air function                              | Cannot be throttled                                                |
| Manual override                                   | Detenting                                                          |
| Reset method                                      | Mechanical spring                                                  |
| Type of control                                   | Piloted                                                            |
| Valve function                                    | 3/2-way, closed, monostable                                        |
| Operating pressure                                | 0.25 MPa...1.6 MPa<br>2.5 bar...16 bar                             |
| Lap                                               | Positive overlap                                                   |
| C value                                           | 7 l/sbar                                                           |
| b-value                                           | 0.31                                                               |
| Normal nominal flow rate (normalized to DIN 1343) | 1500 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]<br>Inert gases       |
| 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                                  | In-line installation<br>With accessories                           |
| Mounting position                                 | Any                                                                |
| Flow direction                                    | Non-reversible                                                     |

| Feature                         | Value                                                        |
|---------------------------------|--------------------------------------------------------------|
| Product weight                  | 223 g                                                        |
| Pneumatic connection 1          | 1/4 NPT                                                      |
| Pneumatic connection 2          | 1/4 NPT                                                      |
| Pneumatic connection 3          | G1/8                                                         |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [7:4:4]<br>Inert gases |
| Pilot air supply port           | Internal                                                     |
| Electrical connection           | Type C<br>Plug<br>As per DIN EN 175301-803                   |
| Signal status display           | With accessories                                             |
| Seals material                  | NBR                                                          |
| Housing material                | Die-cast aluminum                                            |