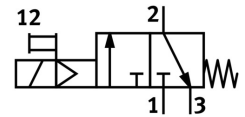


# On/off valve HEE-1/4-D-MINI-230

Part number: 165073

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                 | 1500 l/min                                                                                 |
| Duty cycle                                 | 100%                                                                                       |
| Characteristic coil data                   | 230 V AC: 50/60 Hz, pick-up power 5.0 VA, holding power 3.7 VA                             |
| Permissible voltage fluctuations           | -14 % / +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                                                                           |
| CE mark (see declaration of conformity)    | To EU Low Voltage Directive                                                                |
| CE marking (see declaration of conformity) | To UK regulations for electrical equipment                                                 |
| 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                                                                                       |

| Feature                      | Value                                                    |
|------------------------------|----------------------------------------------------------|
| Pneumatic connection, port 3 | G1/8                                                     |
| Air purity class at output   | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gases |
| 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                                       |