

# On/off valve HEE-1-D-MAXI-230

Part number: 172955

**FESTO**



General operating condition

## Data sheet

| Feature                                      | Value                                                              |
|----------------------------------------------|--------------------------------------------------------------------|
| 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                                                               |
| Standard nominal flow rate                   | 6500 l/min                                                         |
| Duty cycle                                   | 100%                                                               |
| Coil characteristics                         | 230 V AC: 50/60 Hz, initial power 5.0 VA, holding power 3.7 VA     |
| Permissible voltage fluctuations             | -14 % / +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                                                   |
| 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                             | With accessories                                                   |
| Mounting position                            | Any                                                                |
| Flow direction                               | Non-reversible                                                     |
| Product weight                               | 800 g                                                              |
| Pneumatic connection 1                       | G1                                                                 |
| Pneumatic connection 2                       | G1                                                                 |
| 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 |
| 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                                          |