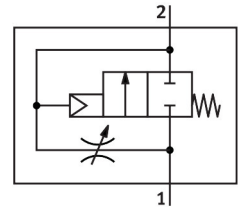


# On/off valve HEL-3/4-D-MIDI

Part number: 165081

FESTO



General operating condition

## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Exhaust-air function                                  | With flow control option                                                                   |
| Type of actuation                                     | Pneumatic                                                                                  |
| Sealing principle                                     | Soft                                                                                       |
| Mounting position                                     | optional                                                                                   |
| Manual override                                       | None                                                                                       |
| Design                                                | Piston gate valve                                                                          |
| Type of reset                                         | Mechanical spring                                                                          |
| Type of piloting                                      | Direct                                                                                     |
| Flow direction                                        | Non-reversible                                                                             |
| Symbol                                                | 00991513                                                                                   |
| Valve function                                        | 2/2-way, closed, monostable                                                                |
| Operating pressure                                    | 0.3 MPa ... 1.6 MPa                                                                        |
| Operating pressure                                    | 3 bar ... 16 bar                                                                           |
| b value                                               | 0.48                                                                                       |
| C value                                               | 20.5 l/sbar                                                                                |
| Standard nominal flow rate (standardised to DIN 1343) | 3800 l/min                                                                                 |
| 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                                                              |
| LABS (PWIS) conformity                                | VDMA24364-B1/B2-L                                                                          |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:4:4]<br>Inert gases                                   |
| Media temperature                                     | -10 °C ... 60 °C                                                                           |
| Ambient temperature                                   | -10 °C ... 60 °C                                                                           |
| Product weight                                        | 270 g                                                                                      |
| Type of mounting                                      | In-line installation                                                                       |
| Pneumatic connection, port 1                          | G3/4                                                                                       |
| Pneumatic connection, port 2                          | G3/4                                                                                       |
| Note on materials                                     | RoHS-compliant                                                                             |
| Material seals                                        | NBR                                                                                        |
| Material housing                                      | Die-cast aluminium                                                                         |