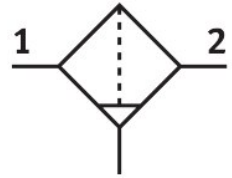


# Basic valve LF-D-MIDI-U

Part number: 546422

**FESTO**



## Data sheet

| Feature                                           | Value                                                            |
|---------------------------------------------------|------------------------------------------------------------------|
| Size                                              | Midi                                                             |
| Series                                            | D                                                                |
| Mounting position                                 | Vertical $\pm 5^\circ$                                           |
| Grade of filtration                               | 40 $\mu\text{m}$                                                 |
| Condensate drain                                  | Manual, rotating                                                 |
| Structural design                                 | Sinter filter with centrifugal separator                         |
| Bowl guard                                        | Metal bowl guard                                                 |
| Degree of condensate separation                   | 75 %                                                             |
| Operating pressure                                | 0 MPa...1.6 MPa<br>0 bar...16 bar<br>0 psi...232 psi             |
| Normal nominal flow rate (normalized to DIN 1343) | 424 cfm                                                          |
| Operating medium                                  | Compressed air as per ISO 8573-1:2010 [::9:-]<br>Inert gases     |
| Corrosion resistance class (CRC)                  | 2 - Moderate corrosion stress                                    |
| LABS (PWIS) conformity                            | VDMA24364-B1/B2-L                                                |
| Storage temperature                               | 14 $^\circ\text{F}$ ...140 $^\circ\text{F}$                      |
| Air quality class at the output                   | Compressed air as per ISO 8573-1:2010 [7:8:4]<br>Inert gases     |
| Temperature of medium                             | 14 $^\circ\text{F}$ ...140 $^\circ\text{F}$                      |
| Ambient temperature                               | 14 $^\circ\text{F}$ ...140 $^\circ\text{F}$                      |
| Pore size                                         | 40 $\mu\text{m}$                                                 |
| Product weight                                    | 24.5 oz                                                          |
| Type of mounting                                  | Alternatively:<br>In-line installation<br>With retaining bracket |
| Note on materials                                 | RoHS compliant                                                   |
| Compressed air filter material                    | Protective grounding                                             |
| Housing material                                  | Die-cast zinc                                                    |
| Material of bowl                                  | PC                                                               |