

# Basic valve LFR-D-MINI

Part number: 546432

**FESTO**



## Data sheet

| Feature                                               | Value                                                                                      |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Size                                                  | Mini                                                                                       |
| Series                                                | D                                                                                          |
| Actuator lock                                         | Rotary knob with detent                                                                    |
| Mounting position                                     | Vertical +/- 5°                                                                            |
| Grade of filtration                                   | 40 µm                                                                                      |
| Condensate drain                                      | Manually rotating                                                                          |
| Design                                                | Filter regulator without pressure gauge                                                    |
| Max. condensate volume                                | 0.744 fl oz (US)                                                                           |
| Bowl guard                                            | Metal bowl guard                                                                           |
| Pressure gauge (ANALOG) or Pressure display (DIGITAL) | Prepared for G1/8                                                                          |
| Operating pressure                                    | 0.1 MPa...1.6 MPa<br>1 bar...16 bar                                                        |
| Pressure regulation range                             | 0.5 bar...12 bar                                                                           |
| Max. pressure hysteresis                              | 3 psi                                                                                      |
| Standard nominal flow rate (standardised to DIN 1343) | 118 cfm                                                                                    |
| Operating medium                                      | Compressed air to ISO 8573-1:2010 [-:9:-]<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                                                                          |
| Storage temperature                                   | 14 °F...140 °F                                                                             |
| Air purity class at output                            | Compressed air to ISO 8573-1:2010 [7:8:4]<br>Inert gases                                   |
| Media temperature                                     | 14 °F...140 °F                                                                             |
| Ambient temperature                                   | -10 °C...60 °C                                                                             |
| Product weight                                        | 14.4 oz                                                                                    |
| Type of mounting                                      | In-line installation<br>With accessories<br>Either:                                        |
| Note on materials                                     | RoHS-compliant                                                                             |
| Material housing                                      | Die-cast zinc                                                                              |
| Material bowl                                         | PC                                                                                         |