

Basic valve LFR-D-DI-MAXI

Part number: 546512

FESTO



[PDF](#) General operating condition

Data sheet

| Feature | Value |
|---|--|
| Size | Maxi |
| Series | D |
| Actuator lock | Rotary knob with detent |
| Mounting position | Vertical $\pm 5^\circ$ |
| Grade of filtration | 40 μm |
| Condensate drain | Manual, rotating |
| Structural design | Filter regulator without pressure gauge |
| Max. condensate volume | 42.983 ml |
| Bowl guard | Metal bowl guard |
| Symbol | 00991590 |
| Pressure gauge | Set up for G1/4 |
| Operating pressure | 0.1 MPa ... 1.6 MPa |
| Operating pressure | 1 bar ... 16 bar |
| Pressure regulation range | 0.5 bar ... 12 bar |
| Max. pressure hysteresis | 0.04 MPa |
| Max. pressure hysteresis | 0.4 bar |
| Max. pressure hysteresis | 5.8 psi |
| Normal nominal flow rate (normalized to DIN 1343) | 20021.19 l/min |
| Operating medium | Inert gases |
| Corrosion resistance class (CRC) | 2 - Moderate corrosion stress |
| LABS (PWIS) conformity | VDMA24364-B1/B2-L |
| Storage temperature | -10 $^\circ\text{C}$... 60 $^\circ\text{C}$ |
| Air quality class at the output | Compressed air as per ISO 8573-1:2010 [7:8:4] Inert gases |
| Temperature of medium | -10 $^\circ\text{C}$... 60 $^\circ\text{C}$ |
| Ambient temperature | -10 $^\circ\text{C}$... 60 $^\circ\text{C}$ |
| Product weight | 1587.6 g |
| Type of mounting | In-line installation |
| Note on materials | RoHS compliant |
| Housing material | Die-cast zinc |
| Material of bowl | PC |