

Basic valve LFR-D-7-DI-MAXI-A

Part number: 546518

FESTO



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	Fully automatic
Structural design	Filter regulator without pressure gauge
Max. condensate volume	42.983 ml
Bowl guard	Metal bowl guard
Symbol	00991588
Pressure gauge	Set up for G1/4
Operating pressure	0.2 MPa ... 1.2 MPa
Operating pressure	2 bar ... 12 bar
Pressure regulation range	0.5 bar ... 7 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)	33813.56 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:9:-] Inert gases
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
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	5 $^\circ\text{C}$... 60 $^\circ\text{C}$
Ambient temperature	5 $^\circ\text{C}$... 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