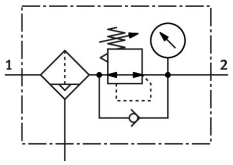
Filter regulator
MS4N-LFR-1/4-D7-CUV-AS-Z

Part number: 535753



Data sheet

Feature	Value
Size	4
Series	MS
Actuator lock	Rotary knob with detent can be closed with accessories
Mounting position	Vertical +/-5°
Grade of filtration	5 µm
Condensate drain	Fully automatic Manual, non-detenting
Design	Filter regulator with pressure gauge
Max. condensate volume	25 ml
Controller function	Output pressure constant With secondary venting With return flow function
Bowl guard	Integrated as metal bowl
Degree of condensate separation	75 %
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure gauge
Operating pressure	0.2 MPa...1.2 MPa 2 bar...12 bar
Pressure regulation range	0.5 bar...12 bar
Max. pressure hysteresis	0.25 bar
Standard nominal flow rate (standardised to DIN 1343)	1200 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:-] Inert gases
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Suitable for use with food	See supplementary material information
Air purity class at output	Compressed air to ISO 8573-1:2010 [6:4:4]
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Pore size	5 µm
Product weight	475 g

Feature	Value
Type of mounting	Either: Front panel mounting In-line installation With accessories
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	1/4 NPT
Note on materials	RoHS-compliant
Material sub-base	Die-cast aluminium
Material control panel	PA POM
Material seals	NBR
Material filter	PE
Material housing	Die-cast aluminium
Material membrane	NBR
Material bowl	Die-cast aluminium Wrought aluminium alloy
Material screen	PA
Material separating plate	POM