

# Filter regulator MS12-LFR-G-D7-CUV-LD-AS

Part number: 537150

FESTO



## Data sheet

Feature	Value
Size	12
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
Structural design	Filter regulator with pressure gauge Sinter filter with centrifugal separator with condensate drain with secondary exhausting Modular Pilot-controlled diaphragm regulator
Max. condensate volume	400 cm <sup>3</sup>
Controller function	Outlet pressure constant With primary pressure compensation With secondary exhausting With return flow function
Bowl guard	Integrated as metal bowl guard
Pressure gauge	with pressure gauge
Operating pressure	2 bar...12 bar
Pressure regulation range	0.5 bar...12 bar
Max. pressure hysteresis	0.4 bar
Flow rate of secondary venting	500 l/min
Standard nominal flow rate	11000 l/min...14000 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:-] Inert gas
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:4:4]
Temperature of medium	5 °C...60 °C
Ambient temperature	5 °C...60 °C

Feature	Value
Product weight	7000 g
Type of mounting	Optionally: Line installation With mounting bracket
Pneumatic connection 1	Internal
Pneumatic connection 2	Internal
Covering material	PA
Material of spin disc	POM
Material of filter support	POM
Material of sight glass metal bowl	PC
Material of operator panel	PA-reinforced POM
Seals material	NBR
Material of spring	Spring steel
Compressed air filter material	Sintered bronze
Housing material	Die-cast aluminum
Diaphragm material	NBR
Material of bowl	Wrought aluminum alloy
Separating disc material	POM
Valve tappet material	Wrought aluminum alloy NBR High-alloy stainless steel
Material of stabilizing disc	POM