

# Filter regulator

## MS9-LFR-NG-D6-EUM-DI-AG-PSI-AS

Part number: 564124

FESTO

Maximum output pressure 7 bar, 40 µm filter, with pressure gauge, lockable regulator head, metal bowl guard, manual condensate drain, flow direction from left to right.



### Data sheet

Feature	Value
Size	9
Series	MS
Actuator lock	with accessories, lockable
Assembly position	Vertical +/- 5°
Grade of filtration	40 µm
Condensate drain	manual rotary
Design structure	Directly actuated filter diaphragm regulator
Max. condensate volume	220 ml
Controller function	Output pressure constant with initial pressure compensation with secondary exhaust with return flow
Pressure gauge	with pressure gauge
Working pressure	1 ... 20 bar
Pressure regulation range	0.5 ... 7 bar
Max. pressure hysteresis	0.4 bar
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +60°C
Operating medium	Compressed air to ISO 8573-1:2010 [-:4:-] Inert gases
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-10 ... 60 °C
Air purity class at output	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Product weight	2,400 g
Mounting type	Line installation with accessories Optional
Material of cover	PA-reinforced
Material of spin disc	POM
Material of filter holder	POM
Materials note	Conforms to RoHS
Material of connecting plate	Aluminum die cast
Material mounting bracket	Aluminum die cast
Material filter	PE
Material housing	Aluminum die cast
Material module connector	Aluminum die cast
Material membrane	NBR
Material bowl	Wrought Aluminum alloy
Material cup seal	NBR
Material screen	PA
Material separating plate	POM
Material valve stem	Wrought Aluminum alloy NBR POM