

# Filter regulator

## MS9-LFR-NG-D7-EUV-AG-PSI-AS

Part number: 564131

FESTO

Maximum output pressure 12 bar, 40 µm filter, with pressure gauge, lockable regulator head, metal bowl guard, fully automatic condensate drain, flow direction from left to right.



### Data sheet

Feature	Value
Series	MS
Actuator lock	with accessories, lockable
Assembly position	Vertical +/- 5°
Grade of filtration	40 µm
Condensate drain	fully automatic
Design structure	Pilot-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
Operating pressure	2 ... 12 bar
Pressure control range	0.3 ... 12 bar
Max. pressure hysteresis	0.3 bar
Operating medium	Air quality class 5:7:- per DIN ISO 8573-1
Corrosion resistance classification CRC	2
Storage temperature	5 ... 60 °C
Air purity class at output	5:7:- per DIN ISO 8573-1
Medium temperature	5 ... 60 °C
Ambient temperature	5 ... 60 °C
Product weight	2,400 g
Mounting type	Optional with accessories Line installation
Material information, cover	PA-reinforced
Material information, spin disc	POM
Material information, filter holder	POM
Materials note	Conforms to RoHS
Materials information for sub-base	Aluminium die cast
Material information, mounting bracket	Aluminium die cast
Materials information for filter	PE
Materials information, housing	Aluminium die cast
Material information, module connector	Aluminium die cast
Materials information for membrane	NBR
Materials information for bowl	Wrought Aluminium alloy
Materials - Cup seal	NBR
Materials info, viewing window	PA
Material information, isolating disc	POM
Material information, valve stem	Wrought Aluminium alloy NBR POM