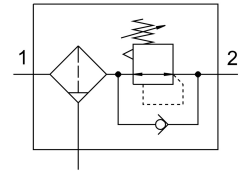


# Compressed air filter regulator MS2-LFR-M5-D6-C-P-M-A8-B

Part number: 8086643

FESTO



## Data sheet

Feature	Value
Size	2
Series	MS
Actuator lock	Rotary knob with detent
Mounting position	Vertical +/- 5°
Grade of filtration	5 µm
Condensate drain	Manually rotating
Structural design	Filter regulator without pressure gauge
Max. condensate volume	3 ml
Controller function	Outlet pressure constant With secondary exhausting With return flow function
Pressure gauge	G1/8 prepared
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Pressure regulation range	0.5 bar...7 bar
Max. pressure hysteresis	0.025 MPa 0.25 bar 3.625 psi
Standard nominal flow rate	140 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 7 according to ISO 14644-1
Storage temperature	-5 °C...50 °C
Air quality class at the output	Compressed air as per ISO 8573-1:2010 [6:4:4]
Temperature of medium	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Product weight	39 g
Type of mounting	Optionally: Front panel mounting Line installation With accessories
Pneumatic connection 1	M5

<b>Feature</b>	<b>Value</b>
Pneumatic connection 2	M5
Note on materials	RoHS-compliant
Seals material	NBR
Rotary knob material	POM
Material of spring	High-alloy steel
Compressed air filter material	PE
Housing material	PA-reinforced
Diaphragm material	NBR
Material of bowl	PC
Separating disc material	POM
Valve tappet material	Wrought aluminum alloy NBR