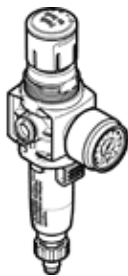


filter regulator

MS2-LFR-QS6-D6-C-P-M-AR-MPA-B

Part number: 8086645

FESTO



Data sheet

Feature	Value
Size	2
Series	MS
Actuator lock	Rotary knob with lock
Assembly position	Vertical +/- 5°
Grade of filtration	5 µm
Condensate drain	manual rotary
Design structure	Filter regulator with pressure gauge
Max. condensate volume	3 ml
Controller function	Output pressure constant with secondary exhaust with return flow
Unit(s) that can be displayed	MPa
Pressure gauge	with pressure gauge
Operating pressure MPa	0.1 ... 0.8 MPa
Operating pressure	1 ... 8 bar
Pressure regulation range	0.5 ... 7 bar
Max. pressure hysteresis (MPa)	0.025 MPa
Max. pressure hysteresis	0.25 bar 3.625 psi
Standard nominal flow rate	310 l/min
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Cleanroom class	ISO class 7
Storage temperature	-5 ... 50 °C
Air purity class at output	Compressed air in accordance with ISO8573-1:2010 [6:4:4]
Medium temperature	-5 ... 50 °C
Ambient temperature	-5 ... 50 °C
Product weight	43.5 g
Mounting type	Front panel installation Line installation with accessories Optional
Pneumatic connection, port 1	QS-6
Pneumatic connection, port 2	QS-6
Materials note	Conforms to RoHS
Material seals	NBR
Material rotary knob	POM
Material spring	High alloy steel
Material filter	PE
Material housing	PA-reinforced
Material membrane	NBR
Material bowl	PC
Material separating plate	POM
Material valve stem	Wrought Aluminium alloy NBR