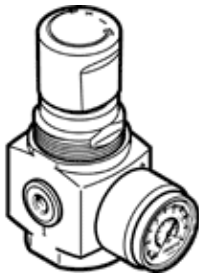


# Pressure regulator

## MS2-LR-M5-D6-AR-MPA-F1A-B

Part number: 8167259

FESTO



### Data sheet

Feature	Value
Size	2
Series	MS
Actuator lock	Rotary knob with lock
Assembly position	Any
Design structure	directly-controlled diaphragm regulator
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 ... 1 MPa
Working pressure	1 ... 10 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	170 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
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 4
Storage temperature	-5 ... 50 °C
Medium temperature	-5 ... 50 °C
Ambient temperature	-5 ... 50 °C
Product weight	38.6 g
Mounting type	Front panel installation Line installation with accessories Optional
Pneumatic connection, port 1	M5
Pneumatic connection, port 2	M5
Materials note	Conforms to RoHS
Material underneath cover	PA
Material seals	NBR
Material rotary knob	POM
Material spring	High alloy steel
Material housing	PA-reinforced
Material membrane	NBR
Material valve stem	Wrought Aluminum alloy NBR