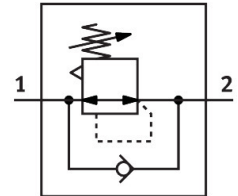


# Pressure regulator MS4-LR-1/4-D7-VS-DM1

Part number: 8190242

**FESTO**



## Data sheet

Feature	Value
Size	4
Series	MS
Actuator lock	Rotary knob with detent
Mounting position	Any
Structural design	Directly controlled diaphragm regulator
Controller function	Outlet pressure constant With secondary exhausting With return flow function
Pressure gauge	with pressure gauge in rotary knob
Operating pressure	0.08 MPa...1.4 MPa 0.8 bar...14 bar
Pressure regulation range	0.5 bar...12 bar
Max. pressure hysteresis	0.04 MPa 0.4 bar 5.8 psi
Standard nominal flow rate	800 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
For use in the food industry	See supplementary material information
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Product weight	225 g
Type of mounting	Front panel mounting Line installation With accessories Optionally:
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Note on materials	RoHS-compliant

Feature	Value
Material of sub-base	Die-cast aluminum
Material of operator panel	PA POM
Seals material	NBR
Housing material	Die-cast aluminum
Diaphragm material	NBR