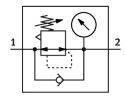
Pressure regulator MS6-LR-1/2-D6-AG-MPA-B Part number: 8099204

FESTO





Data sheet

Size Series Actuator lock Mounting position Structural design Controller function Displayable unit(s) Pressure gauge	6 MS Rotary knob with detent Any Pressure regulator with pressure gauge Directly controlled piston regulator Outlet pressure constant With secondary exhausting With return flow function MPa
Actuator lock Mounting position Structural design Controller function Displayable unit(s)	Rotary knob with detent Any Pressure regulator with pressure gauge Directly controlled piston regulator Outlet pressure constant With secondary exhausting With return flow function
Mounting position Structural design Controller function Displayable unit(s)	Any Pressure regulator with pressure gauge Directly controlled piston regulator Outlet pressure constant With secondary exhausting With return flow function
Structural design Controller function Displayable unit(s)	Pressure regulator with pressure gauge Directly controlled piston regulator Outlet pressure constant With secondary exhausting With return flow function
Controller function Displayable unit(s)	Directly controlled piston regulator Outlet pressure constant With secondary exhausting With return flow function
Displayable unit(s)	With secondary exhausting With return flow function
	MPa
Pressure gauge	
1	with pressure gauge
Operating pressure	0.1 MPa1 MPa 1 bar10 bar
Pressure regulation range	0.3 bar7 bar
Max. pressure hysteresis	0.035 MPa 0.35 bar 5.075 psi
Standard nominal flow rate	6000 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)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 7 according to ISO 14644-1
Storage temperature	-5 °C50 °C
Temperature of medium	-5 °C50 °C
Ambient temperature	-5 °C50 °C
Product weight	482 g
Type of mounting	Front panel mounting Line installation With accessories Optionally:
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2

Feature	Value
Note on materials	RoHS-compliant
Lower cover material	PA
Seals material	NBR
Rotary knob material	РОМ
Material of spring	High-alloy steel Steel, galvanized
Housing material	PA-reinforced
Valve tappet material	РОМ