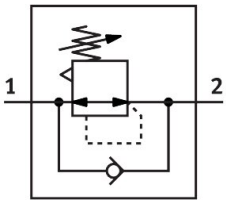
Pressure regulator
MS4-LR-1/4-D7-VS-DM2

Part number: 578847





Data sheet

Feature	Value
Size	4
Series	MS
Actuator lock	Rotary knob with detent
Mounting position	Any
Design	Directly actuated diaphragm regulator
Controller function	Output pressure constant With secondary exhausting With return flow function
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Via pressure gauge in the 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 (standardised to DIN 1343)	800 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Suitable for use with food	See supplementary material information
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Product weight	225 g
Type of mounting	Either: Front panel mounting Inline installation With accessories
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4

Feature	Value
Note on materials	RoHS compliant
Material sub-base	Die-cast aluminium
Material control panel	PA POM
Material seals	NBR
Material housing	Die-cast aluminium
Material membrane	NBR