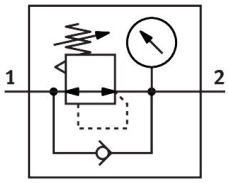
Pressure regulator
MS2-LR-M5-D6-AR-MPA-B

Part number: 8086636





Data sheet

Feature	Value
Size	2
Series	MS
Actuator lock	Rotary knob with detent
Mounting position	optional
Design	Directly actuated diaphragm regulator
Controller function	Output pressure constant With secondary venting With return flow function
Displayable units	MPa
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure gauge
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Pressure regulation range	0.5 bar...7 bar
Max. pressure hysteresis	0.025 MPa 0.25 bar 3.625 psi
Standard nominal flow rate (standardised to DIN 1343)	170 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1
Storage temperature	-5 °C...50 °C
Media temperature	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Product weight	38.6 g
Type of mounting	Either: Front panel mounting In-line installation With accessories
Pneumatic connection, port 1	M5
Pneumatic connection, port 2	M5
Note on materials	RoHS-compliant
Material underneath cover	PA

Feature	Value
Material seals	NBR
Material rotary knob	POM
Material spring	High-alloy steel
Material housing	PA-reinforced
Material membrane	NBR
Material valve stem	Wrought aluminium alloy NBR