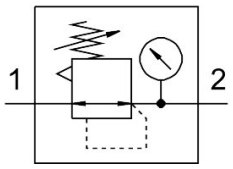
Pressure regulator
LR-1/4-D-7-MINI

Part number: 162583



Data sheet

Feature	Value
Size	Mini
Series	D
Actuator lock	Rotary knob with detent
Mounting position	Any
Design	Directly actuated diaphragm regulator
Controller function	Output pressure constant With primary pressure compensation With secondary exhausting
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure gauge
Operating pressure	0.1 MPa...1.6 MPa 1 bar...16 bar
Pressure regulation range	0.5 bar...7 bar
Max. pressure hysteresis	0.02 MPa 0.2 bar 2.9 psi
Standard nominal flow rate (standardised to DIN 1343)	1600 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)
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Air purity class at output	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Product weight	350 g
Type of mounting	Front panel mounting Inline installation With accessories
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Note on materials	RoHS compliant
Material sub-base	Die-cast zinc
Material seals	NBR

Feature	Value
Material housing	Die-cast zinc