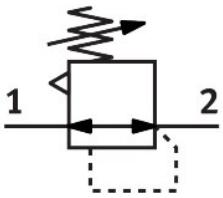
Precision pressure regulator
LRP-1/4-0,7

Part number: 159500



Data sheet

Feature	Value
Actuator lock	Rotary knob with detent
Mounting position	Any
Design	Piloted precision diaphragm control valve
Controller function	Output pressure constant With secondary exhausting
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/8
Operating pressure	0.1 MPa...1.2 MPa 1 bar...12 bar
Pressure regulation range	0.05 bar...0.7 bar
Inlet pressure 1	1 bar...20 bar
Max. pressure hysteresis	0.02 bar
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 not possible
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Product weight	310 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 seals	NBR
Material housing	Aluminium