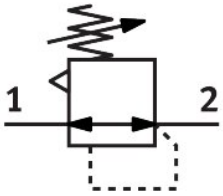
Precision pressure regulator
LRP-7.0-6

Part number: 2418761



Data sheet

Feature	Value
Size	40
Series	LR
Actuator lock	Rotary knob with detent
Mounting position	optional
Design	Piloted precision diaphragm control valve
Controller function	Output pressure constant With secondary venting
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/8
Operating pressure	0.1 MPa...0.8 MPa 1 bar...8 bar
Pressure regulation range	0.1 bar...6 bar
Max. pressure hysteresis	0.02 bar
Standard nominal flow rate (standardised to DIN 1343)	240 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gases
Note on operating and pilot medium	Lubricated operation not possible
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Media temperature	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Product weight	200 g
Type of mounting	Front panel mounting In-line installation With accessories
Pressure gauge connection	G1/8
Pneumatic connection, port 1	For sub-base Ø 7 mm
Pneumatic connection, port 2	For sub-base diameter 7 mm
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Aluminium
Material membrane	NBR