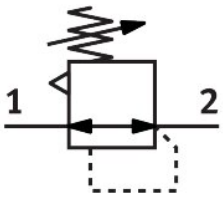
Precision pressure regulator
LRP-1/4-10-EX4

Part number: 549921





Data sheet

Feature	Value
Size	50
Actuator lock	Rotary knob with detent
Mounting position	Any
Structural design	Pilot-controlled precision diaphragm regulator
Controller function	Constant output pressure With secondary exhausting
Pressure gauge	Set up for G1/8
Operating pressure	0.1 MPa...1.2 MPa 1 bar...12 bar
Pressure regulation range	0.1 bar...10 bar
Inlet pressure 1	1 bar...12 bar
Max. pressure hysteresis	0.02 bar
Normal nominal flow rate (normalized to DIN 1343)	2300 l/min
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gases
Information on operating and pilot media	Operation with oil lubrication not possible
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Product weight	315 g
Type of mounting	Alternatively: Front panel mounting In-line installation With accessories
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Note on materials	RoHS compliant
Seals material	NBR

Feature	Value
Housing material	Die-cast aluminum