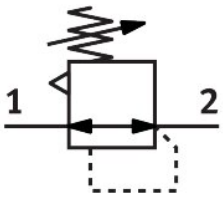
Precision pressure regulator
MS6-LRP-3/8-D2-A8

Part number: 538012



Data sheet

Feature	Value
Size	6
Series	MS
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...1.4 MPa 1 bar...14 bar
Pressure regulation range	0.05 bar...0.7 bar
Max. pressure hysteresis	0.02 bar
Flow rate of secondary venting	220 l/min
Normal nominal flow rate (normalized to DIN 1343)	1100 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gases
Information on operating and pilot media	Ester oil < 0.1mg/m³, according to ISO 8573-1:2010 [-:-:2] Operation with oil lubrication not possible
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C...60 °C
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Product weight	850 g
Type of mounting	Alternatively: Front panel mounting In-line installation With accessories
Pneumatic connection 1	G3/8
Pneumatic connection 2	G3/8
Pneumatic connection 3	G1/4
Note on materials	RoHS compliant
Seals material	NBR

Feature	Value
Housing material	Aluminum