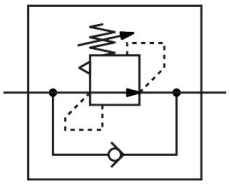
Differential pressure regulator
LRLL-1/8-QS-8

Part number: 153503





Data sheet

Feature	Value
Controller function	Constant differential pressure With return flow characteristic
Pneumatic connection 1	R1/8
Pneumatic connection 2	QS-8
Type of mounting	Screw-in
Nominal flow rate, open	115 l/min
Pressure regulation range	2 bar...6 bar
Inlet pressure 1 MPa	0 MPa...0.9 MPa
Inlet pressure 1	0 bar...9 bar
Inlet pressure 1 psi	0 psi...130.5 psi
Ambient temperature	0 °C...60 °C
Housing material	PBT-reinforced
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-]
Actuator lock	Counter-locking
Mounting position	Any
Structural design	Directly controlled piston regulator with continuous compressed air supply
Nominal flow rate, closed	110 l/min
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Product weight	22 g
Material of screwed plug	Brass, nickel-plated
Note on materials	RoHS compliant
Material of threaded seal	PTFE