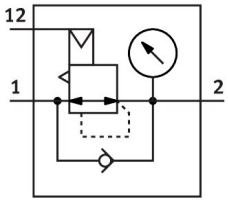
Pressure regulator
MS12-LR-G-PO

Part number: 541680





Data sheet

Feature	Value
Size	12
Series	MS
Mounting position	Any
Structural design	Diaphragm regulator
Controller function	Constant output pressure With primary pressure compensation With secondary exhausting With return flow characteristic
Pressure gauge	with pressure gauge
Operating pressure	0.08 MPa...2.1 MPa 0.8 bar...21 bar
Pressure regulation range	0.5 bar...16 bar
Max. pressure hysteresis	0.04 MPa 0.4 bar 5.8 psi
Flow rate of secondary venting	600 l/min
Normal nominal flow rate (normalized to DIN 1343)	13000 l/min...22000 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gases
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	4000 g
Type of mounting	Alternatively: In-line installation With retaining bracket
Pilot air port 12	G1/4
Pneumatic connection 1	Sub-base
Pneumatic connection 2	Sub-base
Covering material	PA
Note on materials	RoHS compliant

Feature	Value
Lower cover material	Wrought aluminum alloy
Seals material	NBR
Material of spring	Spring steel
Housing material	Die-cast aluminum
Diaphragm material	NBR
Valve tappet material	Wrought aluminum alloy NBR high-alloy stainless steel