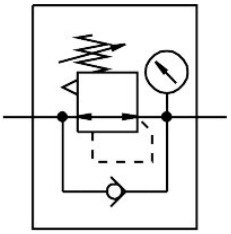
Pressure regulator
MS9-LR-G-D5-AG-BAR-AS

Part number: 564134



General operating condition

Data sheet

Feature	Value
Size	9
Series	MS
Actuator lock	can be closed with accessories
Mounting position	Any
Design	Piloted diaphragm regulator
Controller function	Output pressure constant With primary pressure compensation With secondary exhausting With return flow function
Symbol	00991536
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	With pressure gauge
Operating pressure	1 bar ... 20 bar
Pressure regulation range	0.5 bar ... 4 bar
Max. pressure hysteresis	0.4 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4] Inert gas
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1
Storage temperature	-10 °C ... 60 °C
Media temperature	-10 °C ... 60 °C
Ambient temperature	-10 °C ... 60 °C
Product weight	1400 g
Type of mounting	With accessories
Material covering	Reinforced PA
Note on materials	RoHS compliant
Material sub-base	Die-cast aluminium
Material mounting bracket	Die-cast aluminium
Material housing	Die-cast aluminium
Material module connector	Die-cast aluminium
Material membrane	NBR

Feature	Value
Material valve stem	Wrought aluminium alloy NBR POM