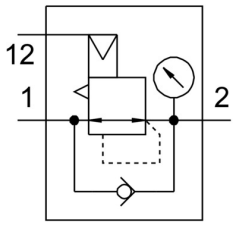
Pressure regulator
MS12-LR-G-PO

Part number: 541680





Data sheet

Feature	Value
Size	12
Type code	MS12
Series	MS
Mounting position	Any
Design	Diaphragm regulator
Controller function	Outlet pressure constant With primary pressure compensation With secondary exhausting With return flow function
Symbol	00991900
Pressure gauge	with pressure gauge
Operating pressure	0.8 bar ... 21 bar
Pressure regulation range	0.5 bar ... 16 bar
Max. pressure hysteresis	0.4 bar
Flow rate of secondary venting	≤600 l/min
Standard nominal flow rate	13000 l/min ... 22000 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
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	Line installation With mounting bracket Optionally:
Pilot air port 12	G1/4
Pneumatic connection 1	Sub-base
Pneumatic connection 2	Sub-base
Covering material	PA
Note on materials	RoHS-compliant
Lower cover material	Wrought aluminum alloy
Seals material	NBR
Material of spring	Spring steel
Housing material	Die-cast aluminum
Diaphragm material	NBR

Feature	Value
Valve tappet material	Wrought aluminum alloy NBR High-alloy stainless steel