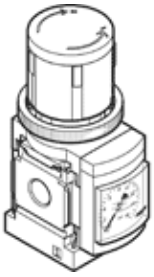
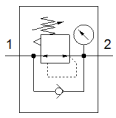
pressure regulator
MS4-LR-1/8-D6-RG

Part number: 596080

FESTO





Data sheet

Feature	Value
Size	4
Series	MS
Actuator lock	Rotary knob with lock
Assembly position	Any
Design structure	directly-controlled diaphragm regulator
Controller function	Output pressure constant with secondary exhaust with return flow
Pressure gauge	Red/green scale
Operating pressure MPa	0.08 ... 1.4 MPa
Operating pressure	0.8 ... 14 bar
Pressure regulation range	0.3 ... 7 bar
Max. pressure hysteresis (MPa)	0.025 MPa
Max. pressure hysteresis	0.25 bar 3.625 psi
Standard nominal flow rate	1,150 l/min
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Storage temperature	-10 ... 60 °C
Food-safe	See Supplementary material information
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Product weight	225 g
Mounting type	Front panel installation Line installation with accessories Optional
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Materials note	Conforms to RoHS
Material of connecting plate	Aluminium die cast
Material control panel	PA POM
Material seals	NBR
Material housing	Aluminium die cast
Material membrane	NBR