

Pressure regulator LR-1/8-F

Part number: 552420

FESTO



[PDF](#) General operating condition

Data sheet

Feature	Value
Actuator lock	Rotary knob with detent
Mounting position	optional
Design	Diaphragm regulator With through compressed air supply
Controller function	Output pressure constant Via primary pressure compensation With secondary venting
Symbol	00991540
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/8
Pressure regulation range	0.5 bar ... 12 bar
Inlet pressure 1	1 bar ... 20 bar
Max. pressure hysteresis	0.2 bar
Standard nominal flow rate (standardised to DIN 1343)	420 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Storage temperature	-10 °C ... 80 °C
Media temperature	-10 °C ... 80 °C
Ambient temperature	-10 °C ... 80 °C
Product weight	120 g
Type of mounting	With accessories
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Material seals	NBR
Material housing	Copper alloy