

Pressure regulator LR-1/4-DB-7-O-MINI

Part number: 537643

FESTO



Data sheet

Feature	Value
Size	Mini
Width	44 mm
Series	DB
Actuator lock	Rotary knob with detent
Mounting position	optional
Design	Pressure regulator without pressure gauge
Controller function	With secondary venting With return flow function
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/8
Operating pressure	0.1 MPa...1 MPa 1.5 bar...10 bar
Pressure regulation range	0.5 bar...7 bar
Max. pressure hysteresis	0.5 bar
Standard nominal flow rate	1300 l/min
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
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
Air purity class at output	Compressed air to ISO 8573-1:2010 [7:4:4]
Media temperature	-5 °C...50 °C
Ambient temperature	-5 °C...50 °C
Product weight	150 g
Type of mounting	Either: Front panel mounting In-line installation With through-hole Via mounting bracket
Pressure gauge connection	G1/8
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Note on materials	RoHS-compliant

Feature	Value
Material seals	NBR
Material rotary knob	POM
Material housing	PA-reinforced