

# Precision pressure regulator

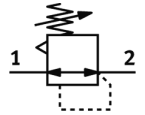
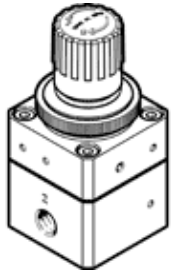
## LRP-1/4-4-EX4

Part number: 549920

FESTO

Without pressure gauge, suitable for use in accordance with ATEX certification by Festo for zones 1, 2 and 21, 22.

Use a suitable precision pressure gauge Type MAP or Type FMAP with this product.



## Data sheet

Feature	Value
Size	50
Actuator lock	Rotary knob with lock
Assembly position	Any
Design structure	Piloted precision diaphragm regulator
Controller function	Output pressure constant with secondary exhaust
Pressure gauge	Prepared for G1/8
Operating pressure MPa	0.1 ... 1.2 MPa
Working pressure	1 ... 12 bar
Pressure regulation range	0.05 ... 4 bar
Max. pressure hysteresis	0.02 bar
Standard nominal flow rate	2,000 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 not possible
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Product weight	315 g
Mounting type	Front panel installation Line installation with accessories Optional
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminum die cast