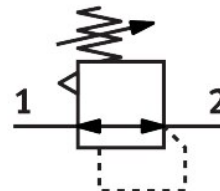


Precision pressure regulator LRP-1/4-2.5-F1A

Part number: 8196141

FESTO



Data sheet

Feature	Value
Actuator lock	Rotary knob with detent
Mounting position	Any
Structural design	Pilot-controlled precision diaphragm regulator
Controller function	Constant output pressure With secondary exhausting
Pressure gauge	Set up for G1/8
Operating pressure	0.1 MPa...1.2 MPa 1 bar...12 bar
Pressure regulation range	0.05 bar...2.5 bar
Inlet pressure 1	1 bar...12 bar
Max. pressure hysteresis	0.02 bar
Normal nominal flow rate (normalized to DIN 1343)	1800 l/min
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gases
Information on operating and pilot media	Operation with oil lubrication not possible
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
Temperature of medium	-10 °C...60 °C
Ambient temperature	-10 °C...60 °C
Product weight	310 g
Type of mounting	Front panel mounting In-line installation With accessories
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Note on materials	RoHS compliant
Seals material	NBR
Housing material	Aluminum