

Air guns

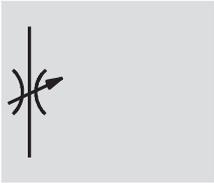
FESTO



Low consumption air guns LSP-1/4-D

Technical data

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Pressure
0 ... 10 bar



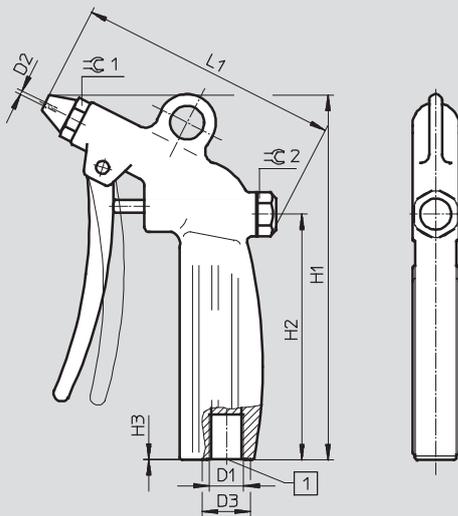
- Precise, infinitely variable, lever operated flow metering
- Sturdy aluminium design
- Interchangeable nozzles

General technical data	
Exhaust function	Metered blowing
Pneumatic connection	Female thread G $\frac{1}{4}$
Operating medium	Compressed air in accordance with ISO 8573-1:2010 [7:-:-]
Note on operating/pilot medium	Operation with lubricated medium possible (in which case lubricated operation will always be required)
Operating pressure [bar]	0 ... 10
Standard nominal flow rate [l/min]	120 at 6 bar
Noise level [dB (A)]	90 at 6 bar
Ambient temperature [°C]	-10 ... +50
Weight [g]	240

Note: This product conforms to ISO 1179-1 and ISO 228-1

Materials	
Housing	Wrought aluminium alloy
Note on materials	RoHS-compliant

Dimensions Download CAD Data → www.festo.com/us/cad



Note

This air gun has no pressure regulating valve.

Note

Compressed air guns must not be pointed at people.

1 Sealing surface

D1	D2	D3	H1	H2	H3	L1	⌀1	⌀2
G $\frac{1}{4}$	1.5	18.5	141	95	0.3	101	14	17

Note: This product conforms to ISO 1179-1 and ISO 228-1

Ordering data		
Pneumatic connection	Part No.	Type
G $\frac{1}{4}$	35528	LSP-1/4-D

Low consumption air guns LSP-1/4-C

Technical data

- Precise, infinitely variable, lever operated flow metering
 - Interchangeable nozzles
- Pressure 0 ... 10 bar



General technical data	
Exhaust function	Metered blowing
Pneumatic connection	Female thread G $\frac{1}{4}$
Operating pressure [bar]	0 ... 10
Operating medium	Compressed air in accordance with ISO 8573-1:2010 [7:--:-]
Note on operating/pilot medium	Operation with lubricated medium possible (in which case lubricated operation will always be required)
Standard nominal flow rate [l/min]	120 at 6 bar
Noise level [dB (A)]	90 at 6 bar
Ambient temperature [°C]	-10 ... +50
Weight [g]	125

Note: This product conforms to ISO 1179-1 and ISO 228-1

Materials	
Housing	Reinforced polyamide

Dimensions

Download CAD Data → www.festo.com/us/cad

Note
This air gun has no pressure regulating valve.

Note
Compressed air guns must not be pointed at people.

D1	D2	H1	H2	L1	L2	⌀C1
G $\frac{1}{4}$	1.5	112	96.2	154.4	80	14

Note: This product conforms to ISO 1179-1 and ISO 228-1

Ordering data		
Pneumatic connection	Part No.	Type
G $\frac{1}{4}$	184318	LSP-1/4-C

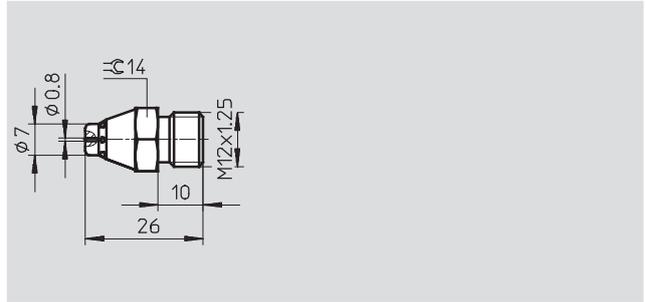
Air guns

Accessories

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Air gun nozzle LPZ-SD with safety shield

- Accurate, high power air jet with protective air shield for chips and dust
- Low noise level

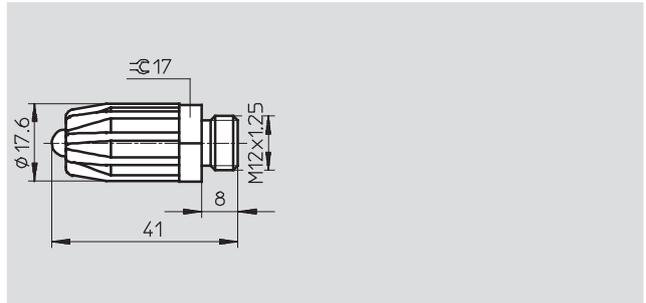


Materials	
Air gun nozzle	Aluminium
Note on materials	RoHS-compliant

Ordering data				
Pneumatic connection	Ambient temperature [°C]	Noise level [dB(A)]	Part No.	Type
Male thread M12x1.25	-10 ... +50	80	184321	LPZ-SD

Air gun nozzle LPZ-LD with noise reduction

- Powerful, focused air jet
- For blowing out, drying and cooling large surfaces
- Low noise level



Materials	
Air gun nozzle	Chrome plated die-cast zinc, aluminium
Note on materials	RoHS-compliant

Ordering data				
Pneumatic connection	Ambient temperature [°C]	Noise level [dB(A)]	Part No.	Type
Male thread M12x1.25	-10 ... +50		184322	LPZ-LD

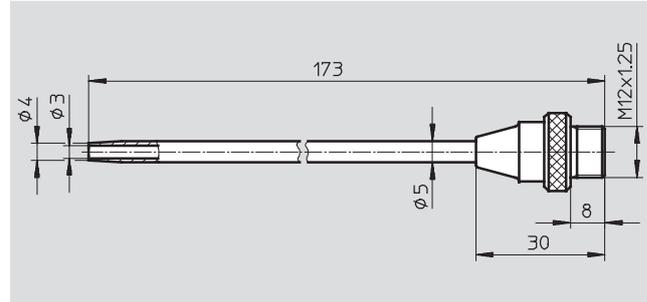
Air guns

Accessories

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Air gun nozzle LPZ-RG-150-B with straight tube

- Accurate, high power air jet for difficult to access locations

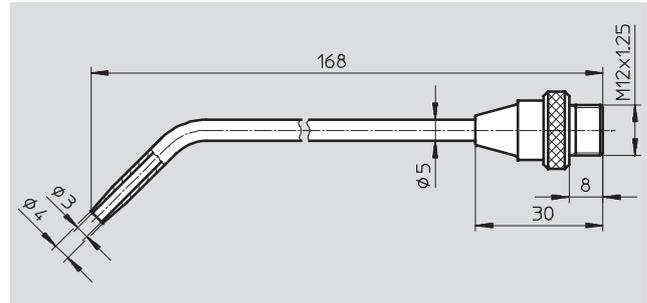


Materials	
Air gun nozzle	Nickel-plated brass
Note on materials	RoHS-compliant

Ordering data				
Pneumatic connection	Ambient temperature [°C]	Noise level [dB(A)]	Part No.	Type
Male thread M12x1.25	-10 ... +50	90	565317	LPZ-RG-150-B

Air gun nozzle LPZ-RB-150-B with elbow tube

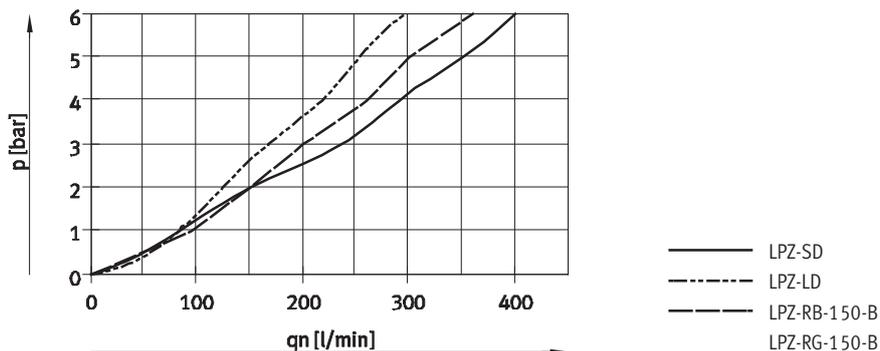
- Accurate, high power air jet for difficult to access locations
- 360° rotatable



Materials	
Air gun nozzle	Nickel-plated brass
Note on materials	RoHS-compliant

Ordering data				
Pneumatic connection	Ambient temperature [°C]	Noise level [dB(A)]	Part No.	Type
Male thread M12x1.25	-10 ... +50	90	565316	LPZ-RB-150-B

Nominal flow rate q_n with fully actuated lever as a function of the output pressure p
measured using low consumption air gun LSP-1/4-C



Product Range and Company Overview

A Complete Suite of Automation Services

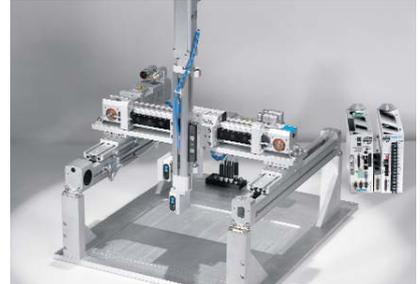
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Custom Automation Components
Complete custom engineered solutions



Custom Control Cabinets
Comprehensive engineering support and on-site services



Complete Systems
Shipment, stocking and storage services

The Broadest Range of Automation Components

With a comprehensive line of more than 30,000 automation components, Festo is capable of solving the most complex automation requirements.



Electromechanical
Electromechanical actuators, motors, controllers & drives



Pneumatics
Pneumatic linear and rotary actuators, valves, and air supply



PLCs and I/O Devices
PLC's, operator interfaces, sensors and I/O devices

Supporting Advanced Automation... As No One Else Can!

Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with more than 12,000 employees in 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education and development of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

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To meet this commitment, we strive to ensure a consistent, integrated, and systematic approach to management that will meet or exceed the requirements of the ISO 9001 standard for Quality Management and the ISO 14001 standard for Environmental Management.



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