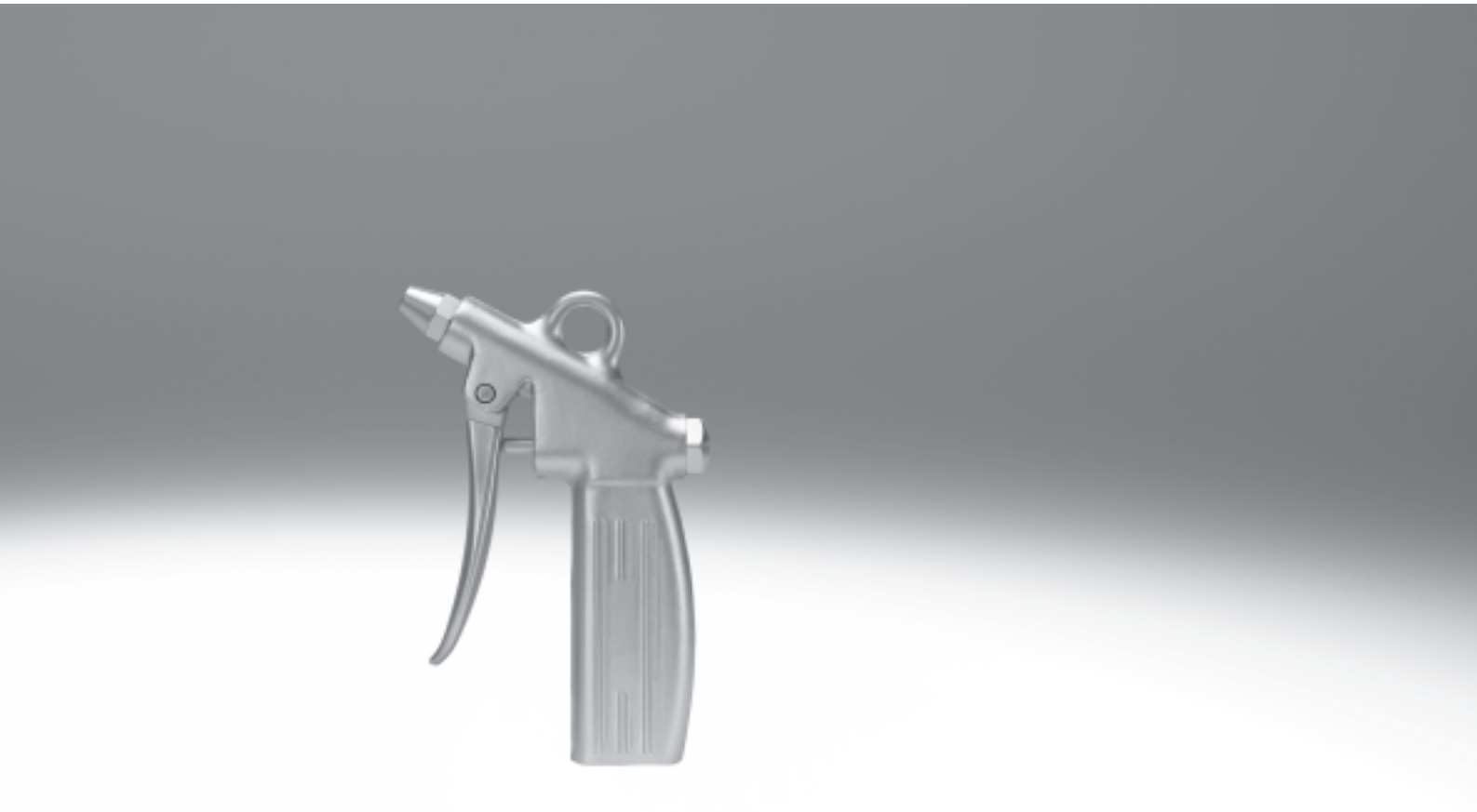
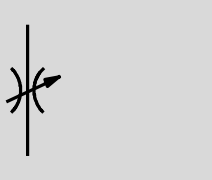
Air guns

FESTO



Low consumption air guns LSP-¼-D

Technical data



Operating pressure
0 ... 10 bar

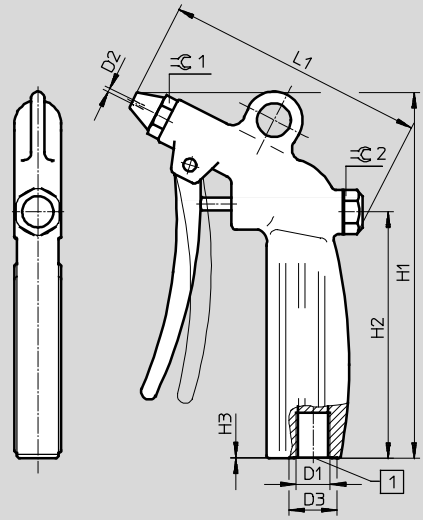
- Precise, infinitely variable, lever operated flow metering
- Sturdy aluminium design
- Interchangeable nozzles

General technical data		
Exhaust function		Metered blowing
Pneumatic connection		Female thread G¼
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 to ISO 228-1

Materials	
Housing	Wrought aluminium alloy
Note on materials	RoHS-compliant

Dimensions Download CAD data ➔ **www.festo.com**



1 Sealing surface

Note

This air gun has no pressure regulating valve.

Note

Compressed air guns must not be pointed at people.

D1	D2	D3	H1	H2	H3	L1	⌀1	⌀2
G¼	1.5	18.5	141	95	0.3	101	14	17

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

Ordering data		
Pneumatic connection	Part No.	Type
G¼	**35528**	**LSP-¼-D**

Low consumption air guns LSP-¼-C

Technical data

- Precise, infinitely variable, lever operated flow metering
- Interchangeable nozzles

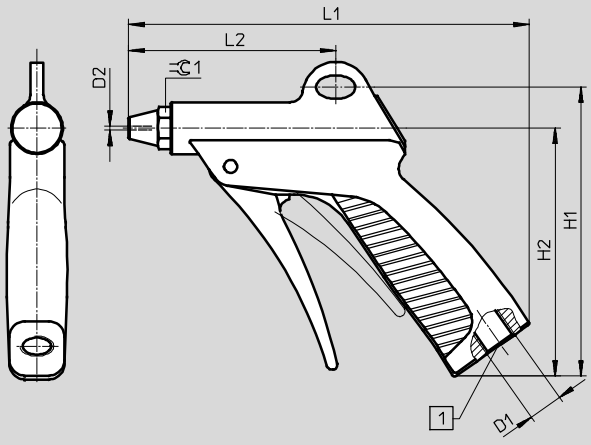
Operating pressure
0 ... 10 bar

General technical data		
Exhaust function		Metered blowing
Pneumatic connection		Female thread G¼
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 to ISO 228-1

Materials	
Housing	Reinforced polyamide

Dimensions Download CAD data ➔ **www.festo.com**



1 Sealing surface

Note

This air gun has no pressure regulating valve.

Note

Compressed air guns must not be pointed at people.

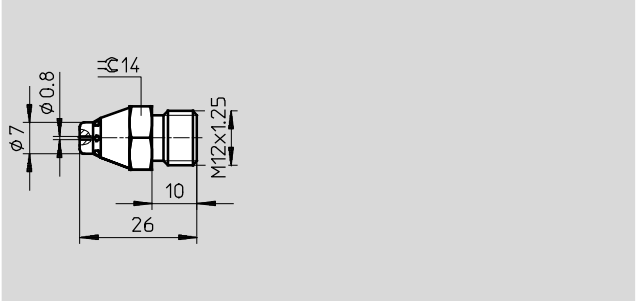
D1	D2	H1	H2	L1	L2	⌀C1
G¼	1.5	112	96.2	154.4	80	14

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

Ordering data		
Pneumatic connection	Part No.	Type
G¼	**184318**	**LSP-¼-C**

Air gun nozzle LPZ-SD
with safety shield

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

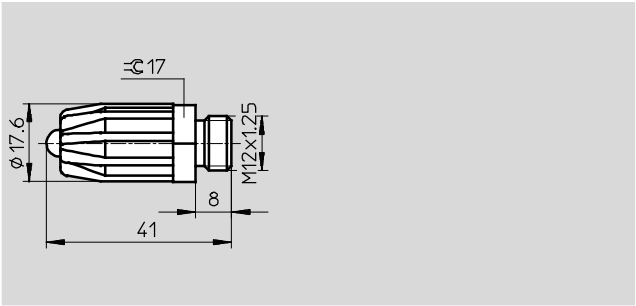


Materials	
Air gun nozzle	Aluminium
Note on materials	RoHS-compliant

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

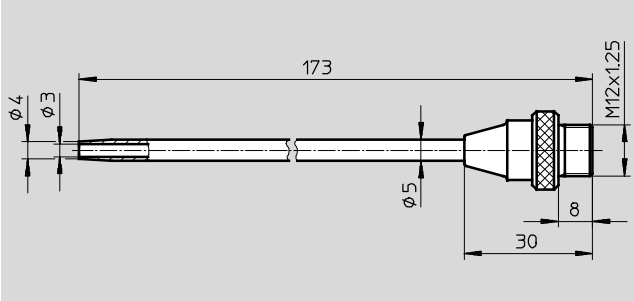


Materials	
Air gun nozzle	Chrome plated die-cast zinc, aluminium
Note on materials	RoHS-compliant

Ordering data			
Pneumatic connection	Ambient temperature [°C]	Part No.	Type
Male thread M12x1.25	–10 … +50	**184322**	**LPZ-LD**

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

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

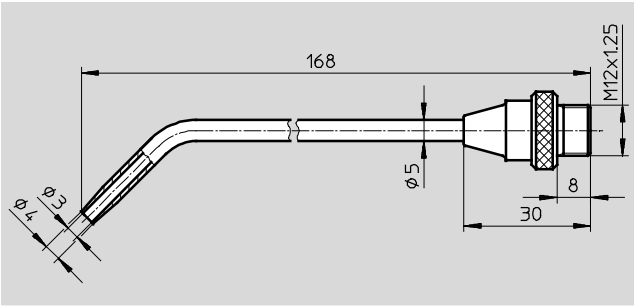


Materials	
Air gun nozzle	Nickel-plated brass
Note on materials	RoHS-compliant

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

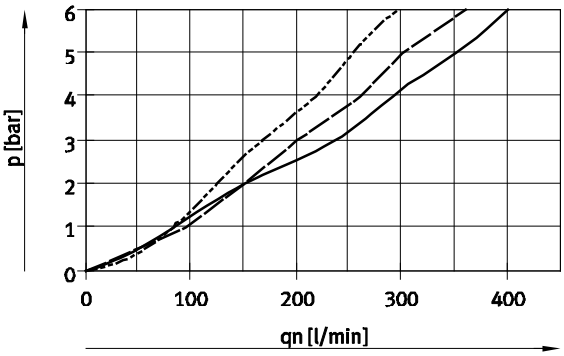
- Accurate, high power air jet for difficult to access locations
- 360° rotatable



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 qn with fully actuated lever as a function of the output pressure p
measured using low consumption air gun LSP-¼-C



LPZ-SD
LPZ-LD
LPZ-RB-150-B
LPZ-RG-150-B