

Pneumatic valve VLX

FESTO

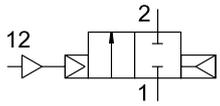


Characteristics

At a glance

- Poppet valve
- Indirectly actuated
- Brass version
- In-line mounting

Function



Type code

001	Series	
VLX	Pneumatic valve	

002	Process valve connection	
1/4	G1/4	
3/8	G3/8	
1/2	G1/2	
3/4	G3/4	
1	G1	

003	Housing material	
MS	Brass	

004	Thread type	
	G thread	

Datasheet

General technical data

Connection Process valve	G1/4	G3/8	G1/2	G3/4	G1
Nominal size	13 mm			20 mm	25 mm
Valve function	2/2-way, closed, monostable				
Design	Diaphragm valve				
Type of mounting	In-line installation				
Type of actuation	Pneumatic				
Type of piloting	Pilot actuated				
Type of reset	Pneumatic spring				
Mounting position	optional				
Sealing principle	Soft				
Flow direction	Non-reversible				
Exhaust-air function	Without flow control option				
Product weight	490 g	470 g	450 g	1,135 g	1,010 g

Operating and environmental conditions

Connection Process valve	G1/4	G3/8	G1/2	G3/4	G1
Standard nominal flow rate (standardised to DIN 1343)	2,400 l/min	3,800 l/min	4,000 l/min	10,500 l/min	14,000 l/min
Medium pressure	1 ... 10 bar				
Medium	Filtered compressed air, grade of filtration 200 µm				
Pilot medium	Compressed air to ISO 8573-1:2010 [7:-:-]				
Ambient temperature	-10 ... 60°C				
Media temperature	-10 ... 80°C				

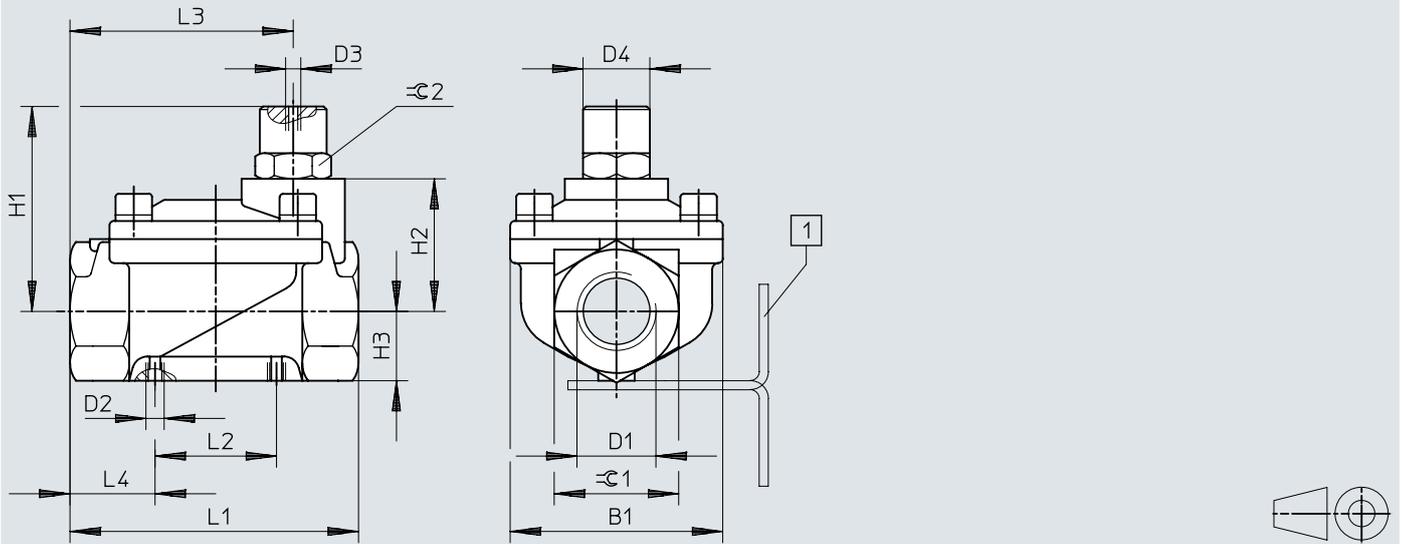
Materials

Material housing	Brass
Material screws	High-alloy stainless steel
Material number screw	1.4301

Dimensions

Dimensions – Pneumatic valves VLX

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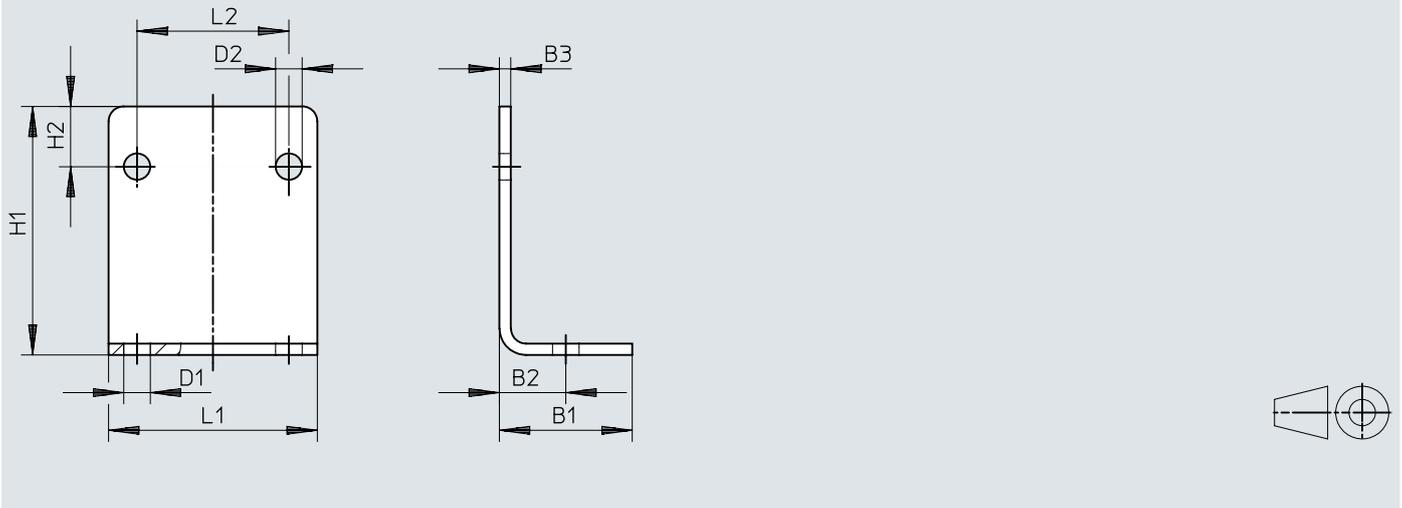
[1] Retaining bracket HRM-...

	B1	D1	D2	D3	D4 ∅	H1	H2	H3	L1	L2	L3	L4	⌀ 1	⌀ 2
VLX-2-1/4-MS	48	G1/4	M4	M5	22	56,5	32,5	15,5	67	25	47	21	27	22
VLX-2-3/8-MS	48	G3/8	M4	M5	22	56,5	32,5	15,5	67	25	47	21	27	22
VLX-2-1/2-MS	48	G1/2	M4	M5	22	56,5	32,5	15,5	67	25	47	21	27	22
VLX-2-3/4-MS	70	G3/4	M6	M5	22	68	44	23	95	40	73,5	28	41	22
VLX-2-1-MS	70	G1	M6	M5	22	68	44	23	95	40	73,5	28	41	22

Dimensions

Dimensions – Retaining bracket HRM

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	B1	B2	B3	D1 ∅	D2 ∅	H1	H2	L1	L2 ±0,1
HRM-1	25	12,5	2	6	5	37	10	40	25
HRM-2	35	17,5	3	7	7	66	16	55	40

Ordering data

Ordering data			
	Connection Process valve	Part no.	Type
	G1/4	34432	VLX-2-1/4-MS
	G3/8	34433	VLX-2-3/8-MS
	G1/2	34434	VLX-2-1/2-MS
	G3/4	34435	VLX-2-3/4-MS
	G1	34436	VLX-2-1-MS

Accessories

Retaining bracket HRM			
	Description	Part no.	Type
	For type VLX-2-1/4, VLX-2-3/8, VLX-2-1/2	9769	HRM-1
	For type VLX-2-3/4, VLX-2-1	9770	HRM-2