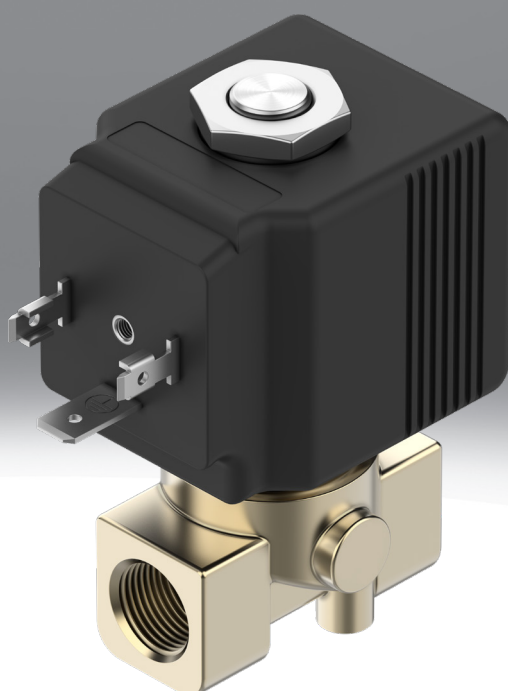


Solenoid valve VZWD-B

FESTO



Characteristics

At a glance

Directly actuated solenoid valves VZWD-B are mainly intended for applications with high pressure ranges and low flow rates. Directly actuated valves switch the sealing component directly via the solenoid system. The seal generally has to lift away from the seat against the effective operating pressure using just the actuator. A closing spring, supported by the pressure of the medium, keeps the valve closed. The function is dependent on the seat size, the effective operating pressure and the magnetic force. The difference with respect to force pilot operated solenoid valves (VZWF-B) lies in the flow rate.

Type code

001	Series	
VZWD	Solenoid valve, directly actuated VZWD	
002	Product version	
B	Function-optimised	
003	Directional control valve type	
L	In-line valve	
004	Valve function	
M22C	2/2-way valve, normally closed	
005	Reset method for monostable/single solenoid valves	
M	Mechanical spring	
006	Process valve connection	
G18	G1/8	
G14	G1/4	
N18	1/8 NPT	
N14	1/4 NPT	
007	Nominal width	
10	1 mm	
15	1.5 mm	
20	2 mm	
25	2.5 mm	
30	3 mm	
40	4 mm	
52	5.2 mm	
64	6.4 mm	
008	Sealant	
V	FPM	

009	Solenoid coil type	
30	Width 30 mm	
36	Width 36 mm	
010	Nominal operating voltage	
1	24 V DC	
2A	110 V AC/50-60 Hz	
3A	230 V AC/50-60 Hz	
011	Electrical connection	
A1	Plug pattern type A, to EN 175301-803	
012	Pressure of medium [bar]	
4.5	4.5	
5	5	
8	8	
9	9	
10	10	
14	14	
15	15	
16	16	
20	20	
22	22	
24	24	
26	26	
30	30	
33	33	
35	35	
40	40	
50	50	
80	80	
100	100	
013	Corrosion protection	
	Standard	
R1	Stainless steel	

Datasheet

General technical data, G thread and NPT thread

Nominal size	1 mm	1.5 mm	2 mm	2.5 mm	3 mm	4 mm	5.2 mm	6.4 mm
Valve function	2/2-way, closed, monostable							
Type of mounting	In-line installation							
Type of actuation	Electric							
Type of reset	Mechanical spring							
Flow direction	Non-reversible							
Type of piloting	Direct							
Manual override	None							
Mounting position	optional							
Sealing principle	Soft							
Max. viscosity	25 mm ² /s							

Operating and environmental conditions, G thread and NPT thread

Nominal size	1 mm	1.5 mm	2 mm	2.5 mm	3 mm	4 mm	5.2 mm	6.4 mm
Flow rate Kv	0.04 m ³ /h	0.07 m ³ /h	0.1 m ³ /h	0.15 m ³ /h	0.25 m ³ /h	0.36 m ³ /h	0.47 m ³ /h	0.64 m ³ /h
Medium pressure	0 MPa 8 MPa 10 MPa	0 MPa 2.6 MPa 3 MPa 8 MPa	0 MPa 2 MPa 2.2 MPa 4 MPa 5 MPa	0 MPa 1.4 MPa 1.6 MPa 3.3 MPa 3.5 MPa	0 MPa 1.5 MPa 2.4 MPa	0 MPa 0.8 MPa 1.5 MPa	0 MPa 0.9 MPa 1 MPa	0 MPa 0.45 MPa 0.5 MPa
Medium pressure	0 bar 80 bar 100 bar	0 bar 26 bar 30 bar 80 bar	0 bar 20 bar 22 bar 40 bar 50 bar	0 bar 14 bar 16 bar 33 bar 35 bar	0 bar 15 bar 24 bar	0 bar 8 bar 15 bar	0 bar 9 bar 10 bar	0 bar 4.5 bar 5 bar
Medium pressure	0 psi 1,160 psi 1,450 psi	0 psi 377 psi 435 psi 1,160 psi	0 psi 290 psi 319 psi 580 psi 725 psi	0 psi 203 psi 232 psi 478.5 psi 507.5 psi	0 psi 217.5 psi 348 psi	0 psi 116 psi 217.5 psi	0 psi 130.5 psi 145 psi	0 psi 65.25 psi 72.5 psi
Medium	Compressed air to ISO 8573-1:2010 [7:4:4], Inert gases, Mineral oil, Water, Neutral fluids, Other media on request							
Pressure difference	0 MPa							
Pressure difference	0 bar							
Pressure difference	0 psi							
Ambient temperature	-10 ... 80°C							
Media temperature	-10 ... 140°C							
Corrosion resistance class CRC	1 - Low corrosion stress, 3 - high corrosion stress							
UKCA marking (see declaration of conformity)	To UK instructions for EMC, To UK RoHS instructions, To UK regulations for electrical equipment							

Electrical data, G thread and NPT thread

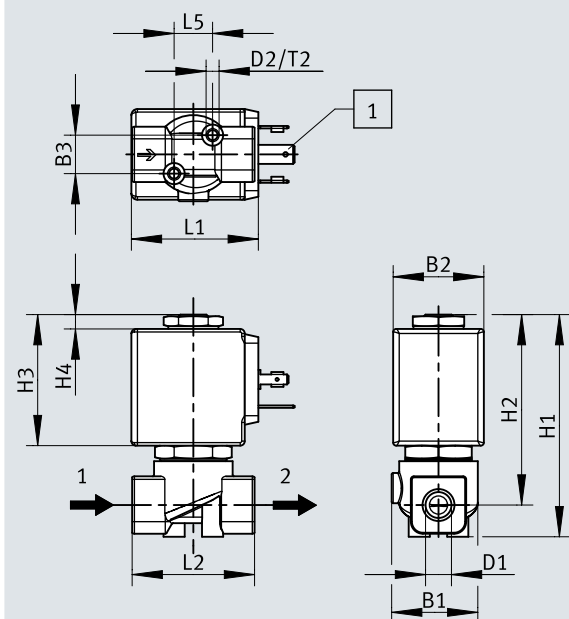
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 20.0 VA, holding power 15.0 VA	110 V AC: 50/60 Hz, pick-up power 40.0 VA, holding power 30.0 VA	220/230 V AC: 50/60 Hz, pick-up power 20.0 VA, holding power 15.0 VA	220/230 V AC: 50/60 Hz, pick-up power 40.0 VA, holding power 30.0 VA	24 V DC: 10.0 W	24 V DC: 27.0 W
Electrical connection	Type A, Plugs, To EN 175301-803, Square design					
CE mark (see declaration of conformity)	To EU EMC Directive, To EU Low Voltage Directive, In accordance with EU RoHS Directive					
Insulation material class	F	H	F	H	F	H
Duty cycle	100%					
Permissible voltage fluctuations	+15% / -10%				+/- 10%	
Switching time on	8 ms					
Switching time off	25 ms					

Material, G thread and NPT thread

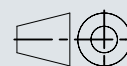
Material housing	Brass, High-alloy stainless steel
Material number housing	1.4305, CW617N
Material seals	FPM
Note on materials	RoHS-compliant

Dimensions

Dimensions – Brass housing, standard

[Download CAD data](http://www.festo.com) www.festo.com


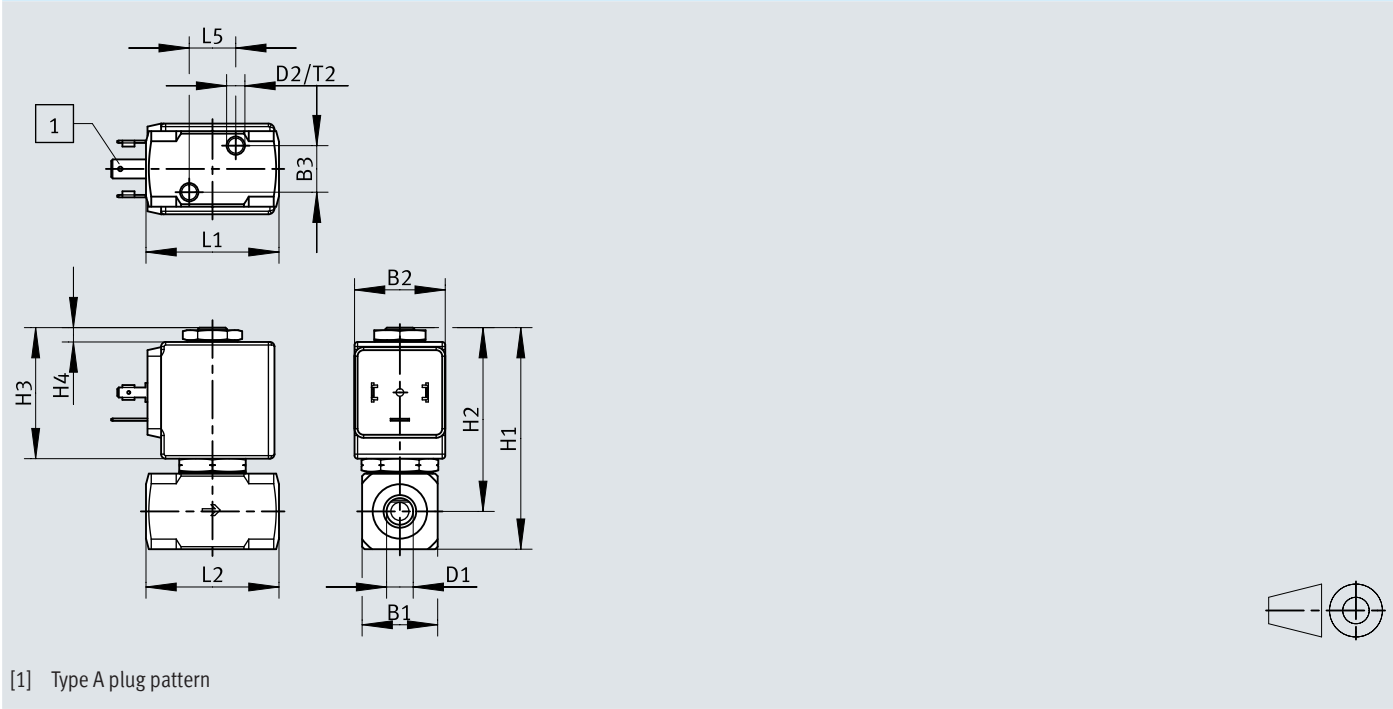
[1] Type A plug pattern



	B1	B2	B3	D1	D2	H1	H2	H3	H4	L1	L2	T2				
VZWD-B-L-M22C-M-G18-...-30-...	28,5	30	12,7	G 1/8	M4	73,5	63,5	43,4	4,8	42	40,5	5				
VZWD-B-L-M22C-M-G14-...-30-...		36		G1/4			63		4,9	47,8						
VZWD-B-L-M22C-M-G18-...-36-...				G 1/8												
VZWD-B-L-M22C-M-G14-...-36-...				G1/4												

Dimensions

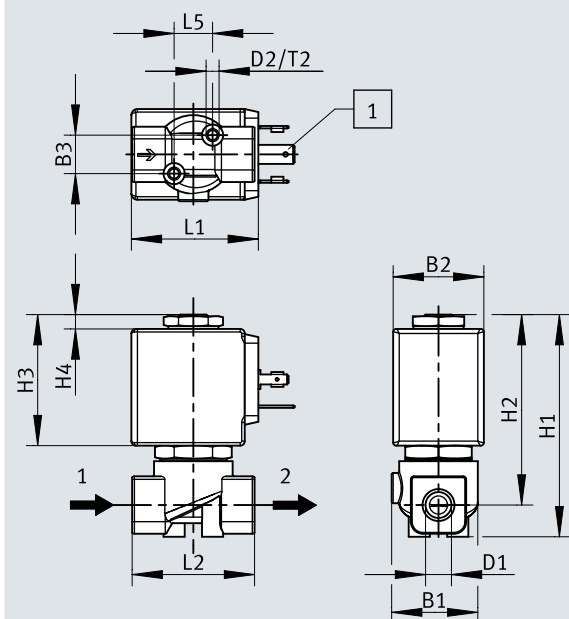
Dimensions – Stainless steel housing,...-R1 Download CAD data www.festo.com



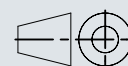
	B1	B2	B3	D1	D2	H1	H2	H3	H4	L1	L2	T2	
VZWD-B-L-M22C-M-G18-...-30-...-R1	25	30	15,4	G 1/8	M6	73,3	60,8	43,4	4,8	42	44	7	
VZWD-B-L-M22C-M-G14-...-30-...-R1				G1/4									
VZWD-B-L-M22C-M-G18-...-36-...-R1		36		G 1/8					4,9	47,8			
VZWD-B-L-M22C-M-G14-...-36-...-R1				G1/4									

Dimensions

Dimensions – Brass housing, standard

[Download CAD data](http://www.festo.com) www.festo.com


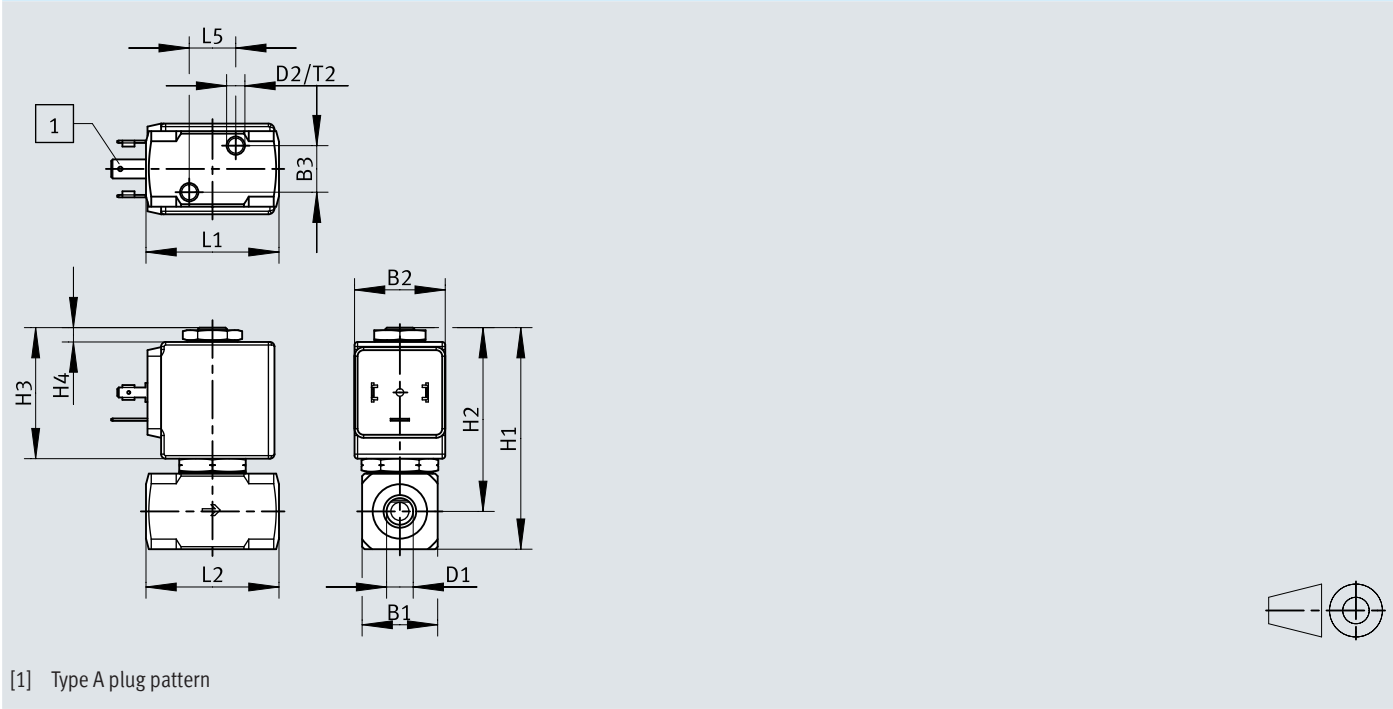
[1] Type A plug pattern



	B1	B2	B3	D1	D2	H1	H2	H3	H4	L1	L2	T2				
VZWD-B-L-M22C-M-N18-...-30-...	28,5	30	12,7	NPT 1/8	M4	73,5	63,5	43,4	4,8	42	40,5	5				
VZWD-B-L-M22C-M-N14-...-30-...		36		NPT1/4			63		4,9	47,8						
VZWD-B-L-M22C-M-N18-...-36-...				NPT 1/8												
VZWD-B-L-M22C-M-N14-...-36-...				NPT1/4												

Dimensions

Dimensions – Stainless steel housing,...-R1 Download CAD data www.festo.com

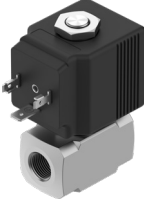


	B1	B2	B3	D1	D2	H1	H2	H3	H4	L1	L2	T2
VZWD-B-L-M22C-M-N18-...-30-...-R1	25	30	15,4	NPT 1/8	M6	73,3	60,8	43,4	4,8	42	44	7
VZWD-B-L-M22C-M-N14-...-30-...-R1				NPT1/4								
VZWD-B-L-M22C-M-N18-...-36-...-R1		36		NPT 1/8					4,9	47,8		
VZWD-B-L-M22C-M-N14-...-36-...-R1				NPT1/4								

Ordering data

Function-optimised design							
	Connection Process valve	Nominal size	Valve function	Product weight	Part no.	Type	
	G1/8	1 mm	2/2-way, closed, monostable	300 g	8214466	VZWD-B-L-M22C-M-G18-10-V-30-2A-A1-80	
					8214423	VZWD-B-L-M22C-M-G18-10-V-30-1-A1-80	
					8214549	VZWD-B-L-M22C-M-G18-10-V-30-3A-A1-80	
				380 g	8214439	VZWD-B-L-M22C-M-G18-10-V-36-3A-A1-100	
					8214640	VZWD-B-L-M22C-M-G18-10-V-36-2A-A1-100	
					8214561	VZWD-B-L-M22C-M-G18-10-V-36-1-A1-100	
				440 g	8214494	VZWD-B-L-M22C-M-G18-10-V-36-2A-A1-100-R1	
					8214493	VZWD-B-L-M22C-M-G18-10-V-36-1-A1-100-R1	
					8214564	VZWD-B-L-M22C-M-G18-10-V-36-3A-A1-100-R1	
		1.5 mm		300 g	8214645	VZWD-B-L-M22C-M-G18-15-V-30-2A-A1-30	
					8214550	VZWD-B-L-M22C-M-G18-15-V-30-1-A1-26	
					8214559	VZWD-B-L-M22C-M-G18-15-V-30-3A-A1-30	
				380 g	8214572	VZWD-B-L-M22C-M-G18-15-V-36-3A-A1-80	
					8214607	VZWD-B-L-M22C-M-G18-15-V-36-2A-A1-80	
					8214602	VZWD-B-L-M22C-M-G18-15-V-36-1-A1-80	
				440 g	8214583	VZWD-B-L-M22C-M-G18-15-V-36-3A-A1-80-R1	
					8214498	VZWD-B-L-M22C-M-G18-15-V-36-1-A1-80-R1	
					8214554	VZWD-B-L-M22C-M-G18-15-V-36-2A-A1-80-R1	
		2 mm		300 g	8214631	VZWD-B-L-M22C-M-G18-20-V-30-2A-A1-22	
					8214591	VZWD-B-L-M22C-M-G18-20-V-30-3A-A1-22	
					8214496	VZWD-B-L-M22C-M-G18-20-V-30-1-A1-20	
				380 g	8214430	VZWD-B-L-M22C-M-G18-20-V-36-2A-A1-50	
					8214552	VZWD-B-L-M22C-M-G18-20-V-36-1-A1-40	
					8214474	VZWD-B-L-M22C-M-G18-20-V-36-3A-A1-50	
				440 g	8214464	VZWD-B-L-M22C-M-G18-20-V-36-3A-A1-50-R1	
					8214530	VZWD-B-L-M22C-M-G18-20-V-36-1-A1-40-R1	
					8214620	VZWD-B-L-M22C-M-G18-20-V-36-2A-A1-50-R1	
		2.5 mm		380 g	8214617	VZWD-B-L-M22C-M-G18-25-V-36-3A-A1-35	
					8214421	VZWD-B-L-M22C-M-G18-25-V-36-1-A1-33	
					8214570	VZWD-B-L-M22C-M-G18-25-V-36-2A-A1-35	
				440 g	8214460	VZWD-B-L-M22C-M-G18-25-V-36-3A-A1-35-R1	
					8214547	VZWD-B-L-M22C-M-G18-25-V-36-2A-A1-35-R1	
					8214502	VZWD-B-L-M22C-M-G18-25-V-36-1-A1-33-R1	
		3 mm		300 g	8214574	VZWD-B-L-M22C-M-G18-30-V-30-2A-A1-15	
					8214476	VZWD-B-L-M22C-M-G18-30-V-30-3A-A1-15	
				360 g	8214542	VZWD-B-L-M22C-M-G18-30-V-30-3A-A1-15-R1	
					8214553	VZWD-B-L-M22C-M-G18-30-V-30-2A-A1-15-R1	
				380 g	8214623	VZWD-B-L-M22C-M-G18-30-V-36-1-A1-24	
				440 g	8214621	VZWD-B-L-M22C-M-G18-30-V-36-1-A1-24-R1	
		4 mm		300 g	8214608	VZWD-B-L-M22C-M-G18-40-V-30-3A-A1-8	
					8214558	VZWD-B-L-M22C-M-G18-40-V-30-2A-A1-8	
				360 g	8214626	VZWD-B-L-M22C-M-G18-40-V-30-2A-A1-8-R1	
					8214512	VZWD-B-L-M22C-M-G18-40-V-30-3A-A1-8-R1	
				380 g	8214537	VZWD-B-L-M22C-M-G18-40-V-36-1-A1-15	
				440 g	8214568	VZWD-B-L-M22C-M-G18-40-V-36-1-A1-15-R1	
		5.2 mm		380 g	8214454	VZWD-B-L-M22C-M-G18-52-V-36-2A-A1-10	
					8214610	VZWD-B-L-M22C-M-G18-52-V-36-3A-A1-10	
					8214529	VZWD-B-L-M22C-M-G18-52-V-36-1-A1-9	
				440 g	8214485	VZWD-B-L-M22C-M-G18-52-V-36-2A-A1-10-R1	
					8214581	VZWD-B-L-M22C-M-G18-52-V-36-3A-A1-10-R1	
					8214461	VZWD-B-L-M22C-M-G18-52-V-36-1-A1-9-R1	
		6.4 mm		380 g	8214425	VZWD-B-L-M22C-M-G18-64-V-36-3A-A1-5	
					8214491	VZWD-B-L-M22C-M-G18-64-V-36-2A-A1-5	

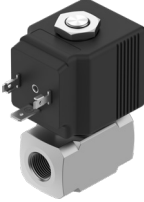
Ordering data

Function-optimised design							
	Connection Process valve	Nominal size	Valve function	Product weight	Part no.	Type	
	G1/8	6.4 mm	2/2-way, closed, monostable	380 g	8214436	VZWD-B-L-M22C-M-G18-64-V-36-1-A1-4.5	
				440 g	8214433	VZWD-B-L-M22C-M-G18-64-V-36-2A-A1-5-R1	
					8214569	VZWD-B-L-M22C-M-G18-64-V-36-3A-A1-5-R1	
					8214531	VZWD-B-L-M22C-M-G18-64-V-36-1-A1-4.5-R1	
	G1/4	1 mm	2/2-way, closed, monostable	300 g	8214446	VZWD-B-L-M22C-M-G14-10-V-30-1-A1-80	
					8214472	VZWD-B-L-M22C-M-G14-10-V-30-3A-A1-80	
					8214616	VZWD-B-L-M22C-M-G14-10-V-30-2A-A1-80	
				380 g	8214443	VZWD-B-L-M22C-M-G14-10-V-36-1-A1-100	
					8214444	VZWD-B-L-M22C-M-G14-10-V-36-3A-A1-100	
					8214422	VZWD-B-L-M22C-M-G14-10-V-36-2A-A1-100	
				440 g	8214456	VZWD-B-L-M22C-M-G14-10-V-36-3A-A1-100-R1	
					8214614	VZWD-B-L-M22C-M-G14-10-V-36-1-A1-100-R1	
					8214514	VZWD-B-L-M22C-M-G14-10-V-36-2A-A1-100-R1	
		1.5 mm		300 g	8214520	VZWD-B-L-M22C-M-G14-15-V-30-2A-A1-30	
					8214533	VZWD-B-L-M22C-M-G14-15-V-30-1-A1-26	
					8214560	VZWD-B-L-M22C-M-G14-15-V-30-3A-A1-30	
				380 g	8214490	VZWD-B-L-M22C-M-G14-15-V-36-1-A1-80	
					8214633	VZWD-B-L-M22C-M-G14-15-V-36-2A-A1-80	
					8214573	VZWD-B-L-M22C-M-G14-15-V-36-3A-A1-80	
				440 g	8214486	VZWD-B-L-M22C-M-G14-15-V-36-2A-A1-80-R1	
					8214577	VZWD-B-L-M22C-M-G14-15-V-36-3A-A1-80-R1	
					8214487	VZWD-B-L-M22C-M-G14-15-V-36-1-A1-80-R1	
		2 mm		300 g	8214449	VZWD-B-L-M22C-M-G14-20-V-30-1-A1-20	
					8214452	VZWD-B-L-M22C-M-G14-20-V-30-3A-A1-22	
					8214426	VZWD-B-L-M22C-M-G14-20-V-30-2A-A1-22	
				380 g	8214555	VZWD-B-L-M22C-M-G14-20-V-36-3A-A1-50	
					8214521	VZWD-B-L-M22C-M-G14-20-V-36-2A-A1-50	
					8214546	VZWD-B-L-M22C-M-G14-20-V-36-1-A1-40	
				440 g	8214611	VZWD-B-L-M22C-M-G14-20-V-36-3A-A1-50-R1	
					8214580	VZWD-B-L-M22C-M-G14-20-V-36-2A-A1-50-R1	
					8214576	VZWD-B-L-M22C-M-G14-20-V-36-1-A1-40-R1	
		2.5 mm		300 g	8214431	VZWD-B-L-M22C-M-G14-25-V-30-2A-A1-16	
					8214458	VZWD-B-L-M22C-M-G14-25-V-30-3A-A1-16	
					8214590	VZWD-B-L-M22C-M-G14-25-V-30-1-A1-14	
				380 g	8214544	VZWD-B-L-M22C-M-G14-25-V-36-3A-A1-35	
					8214545	VZWD-B-L-M22C-M-G14-25-V-36-2A-A1-35	
					8214637	VZWD-B-L-M22C-M-G14-25-V-36-1-A1-33	
				440 g	8214644	VZWD-B-L-M22C-M-G14-25-V-36-1-A1-33-R1	
					8214447	VZWD-B-L-M22C-M-G14-25-V-36-2A-A1-35-R1	
					8214523	VZWD-B-L-M22C-M-G14-25-V-36-3A-A1-35-R1	
		3 mm		300 g	8214605	VZWD-B-L-M22C-M-G14-30-V-30-2A-A1-15	
					8214625	VZWD-B-L-M22C-M-G14-30-V-30-3A-A1-15	
				360 g	8214463	VZWD-B-L-M22C-M-G14-30-V-30-2A-A1-15-R1	
					8214538	VZWD-B-L-M22C-M-G14-30-V-30-3A-A1-15-R1	
				380 g	8214604	VZWD-B-L-M22C-M-G14-30-V-36-1-A1-24	
				440 g	8214506	VZWD-B-L-M22C-M-G14-30-V-36-1-A1-24-R1	
		4 mm		300 g	8214448	VZWD-B-L-M22C-M-G14-40-V-30-2A-A1-8	
					8214643	VZWD-B-L-M22C-M-G14-40-V-30-3A-A1-8	
				360 g	8214450	VZWD-B-L-M22C-M-G14-40-V-30-2A-A1-8-R1	
					8214516	VZWD-B-L-M22C-M-G14-40-V-30-3A-A1-8-R1	
				380 g	8214650	VZWD-B-L-M22C-M-G14-40-V-36-1-A1-15	
				440 g	8214600	VZWD-B-L-M22C-M-G14-40-V-36-1-A1-15-R1	
		5.2 mm		380 g	8214505	VZWD-B-L-M22C-M-G14-52-V-36-3A-A1-10	

Ordering data

Function-optimised design							
	Connection Process valve	Nominal size	Valve function	Product weight	Part no.	Type	
	G1/4	5.2 mm	2/2-way, closed, monostable	380 g	8214440	VZWD-B-L-M22C-M-G14-52-V-36-2A-A1-10	
					8214457	VZWD-B-L-M22C-M-G14-52-V-36-1-A1-9	
				440 g	8214453	VZWD-B-L-M22C-M-G14-52-V-36-3A-A1-10-R1	
					8214612	VZWD-B-L-M22C-M-G14-52-V-36-1-A1-9-R1	
					8214593	VZWD-B-L-M22C-M-G14-52-V-36-2A-A1-10-R1	
		6.4 mm		380 g	8214628	VZWD-B-L-M22C-M-G14-64-V-36-1-A1-4.5	
					8214484	VZWD-B-L-M22C-M-G14-64-V-36-3A-A1-5	
					8214632	VZWD-B-L-M22C-M-G14-64-V-36-2A-A1-5	
				440 g	8214481	VZWD-B-L-M22C-M-G14-64-V-36-3A-A1-5-R1	
					8214497	VZWD-B-L-M22C-M-G14-64-V-36-1-A1-4.5-R1	
					8214427	VZWD-B-L-M22C-M-G14-64-V-36-2A-A1-5-R1	
	1/8 NPT	1 mm		300 g	8214606	VZWD-B-L-M22C-M-N18-10-V-30-3A-A1-80	
					8214556	VZWD-B-L-M22C-M-N18-10-V-30-1-A1-80	
					8214473	VZWD-B-L-M22C-M-N18-10-V-30-2A-A1-80	
				380 g	8214557	VZWD-B-L-M22C-M-N18-10-V-36-1-A1-100	
					8214432	VZWD-B-L-M22C-M-N18-10-V-36-2A-A1-100	
					8214615	VZWD-B-L-M22C-M-N18-10-V-36-3A-A1-100	
				440 g	8214651	VZWD-B-L-M22C-M-N18-10-V-36-1-A1-100-R1	
					8214517	VZWD-B-L-M22C-M-N18-10-V-36-2A-A1-100-R1	
					8214586	VZWD-B-L-M22C-M-N18-10-V-36-3A-A1-100-R1	
		1.5 mm		300 g	8214618	VZWD-B-L-M22C-M-N18-15-V-30-3A-A1-30	
					8214519	VZWD-B-L-M22C-M-N18-15-V-30-1-A1-26	
					8214488	VZWD-B-L-M22C-M-N18-15-V-30-2A-A1-30	
				380 g	8214500	VZWD-B-L-M22C-M-N18-15-V-36-2A-A1-80	
					8214501	VZWD-B-L-M22C-M-N18-15-V-36-3A-A1-80	
					8214575	VZWD-B-L-M22C-M-N18-15-V-36-1-A1-80	
				440 g	8214442	VZWD-B-L-M22C-M-N18-15-V-36-2A-A1-80-R1	
					8214526	VZWD-B-L-M22C-M-N18-15-V-36-3A-A1-80-R1	
					8214536	VZWD-B-L-M22C-M-N18-15-V-36-1-A1-80-R1	
		2 mm		300 g	8214598	VZWD-B-L-M22C-M-N18-20-V-30-2A-A1-22	
					8214624	VZWD-B-L-M22C-M-N18-20-V-30-1-A1-20	
					8214584	VZWD-B-L-M22C-M-N18-20-V-30-3A-A1-22	
				380 g	8214566	VZWD-B-L-M22C-M-N18-20-V-36-2A-A1-50	
					8214599	VZWD-B-L-M22C-M-N18-20-V-36-3A-A1-50	
					8214595	VZWD-B-L-M22C-M-N18-20-V-36-1-A1-40	
				440 g	8214565	VZWD-B-L-M22C-M-N18-20-V-36-2A-A1-50-R1	
					8214424	VZWD-B-L-M22C-M-N18-20-V-36-1-A1-40-R1	
					8214434	VZWD-B-L-M22C-M-N18-20-V-36-3A-A1-50-R1	
		2.5 mm		380 g	8214648	VZWD-B-L-M22C-M-N18-25-V-36-1-A1-33	
					8214469	VZWD-B-L-M22C-M-N18-25-V-36-3A-A1-35	
					8214468	VZWD-B-L-M22C-M-N18-25-V-36-2A-A1-35	
				440 g	8214504	VZWD-B-L-M22C-M-N18-25-V-36-1-A1-33-R1	
					8214619	VZWD-B-L-M22C-M-N18-25-V-36-2A-A1-35-R1	
					8214445	VZWD-B-L-M22C-M-N18-25-V-36-3A-A1-35-R1	
		3 mm		300 g	8214592	VZWD-B-L-M22C-M-N18-30-V-30-3A-A1-15	
					8214630	VZWD-B-L-M22C-M-N18-30-V-30-2A-A1-15	
				360 g	8214515	VZWD-B-L-M22C-M-N18-30-V-30-3A-A1-15-R1	
					8214613	VZWD-B-L-M22C-M-N18-30-V-30-2A-A1-15-R1	
				380 g	8214528	VZWD-B-L-M22C-M-N18-30-V-36-1-A1-24	
				440 g	8214540	VZWD-B-L-M22C-M-N18-30-V-36-1-A1-24-R1	
	4 mm			300 g	8214483	VZWD-B-L-M22C-M-N18-40-V-30-3A-A1-8	
					8214541	VZWD-B-L-M22C-M-N18-40-V-30-2A-A1-8	
				360 g	8214571	VZWD-B-L-M22C-M-N18-40-V-30-3A-A1-8-R1	

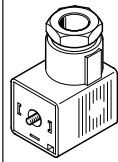
Ordering data

Function-optimised design						
	Connection Process valve	Nominal size	Valve function	Product weight	Part no.	Type
	1/8 NPT	4 mm	2/2-way, closed, monostable	360 g	8214511	VZWD-B-L-M22C-M-N18-40-V-30-2A-A1-8-R1
				380 g	8214475	VZWD-B-L-M22C-M-N18-40-V-36-1-A1-15
				440 g	8214582	VZWD-B-L-M22C-M-N18-40-V-36-1-A1-15-R1
		5.2 mm		380 g	8214634	VZWD-B-L-M22C-M-N18-52-V-36-1-A1-9
				8214459	VZWD-B-L-M22C-M-N18-52-V-36-2A-A1-10	
				8214636	VZWD-B-L-M22C-M-N18-52-V-36-3A-A1-10	
		440 g		8214629	VZWD-B-L-M22C-M-N18-52-V-36-1-A1-9-R1	
				8214622	VZWD-B-L-M22C-M-N18-52-V-36-3A-A1-10-R1	
				8214492	VZWD-B-L-M22C-M-N18-52-V-36-2A-A1-10-R1	
		6.4 mm		380 g	8214467	VZWD-B-L-M22C-M-N18-64-V-36-3A-A1-5
				8214579	VZWD-B-L-M22C-M-N18-64-V-36-1-A1-4.5	
				8214524	VZWD-B-L-M22C-M-N18-64-V-36-2A-A1-5	
		440 g		8214420	VZWD-B-L-M22C-M-N18-64-V-36-1-A1-4.5-R1	
				8214507	VZWD-B-L-M22C-M-N18-64-V-36-2A-A1-5-R1	
				8214479	VZWD-B-L-M22C-M-N18-64-V-36-3A-A1-5-R1	
	1/4 NPT	1 mm		300 g	8214535	VZWD-B-L-M22C-M-N14-10-V-30-1-A1-80
				8214527	VZWD-B-L-M22C-M-N14-10-V-30-2A-A1-80	
				8214638	VZWD-B-L-M22C-M-N14-10-V-30-3A-A1-80	
				380 g	8214470	VZWD-B-L-M22C-M-N14-10-V-36-3A-A1-100
				8214567	VZWD-B-L-M22C-M-N14-10-V-36-2A-A1-100	
				8214601	VZWD-B-L-M22C-M-N14-10-V-36-1-A1-100	
		440 g		8214437	VZWD-B-L-M22C-M-N14-10-V-36-3A-A1-100-R1	
				8214649	VZWD-B-L-M22C-M-N14-10-V-36-2A-A1-100-R1	
				8214525	VZWD-B-L-M22C-M-N14-10-V-36-1-A1-100-R1	
		300 g		8214451	VZWD-B-L-M22C-M-N14-15-V-30-1-A1-26	
				8214587	VZWD-B-L-M22C-M-N14-15-V-30-3A-A1-30	
				8214597	VZWD-B-L-M22C-M-N14-15-V-30-2A-A1-30	
		380 g		8214532	VZWD-B-L-M22C-M-N14-15-V-36-1-A1-80	
				8214503	VZWD-B-L-M22C-M-N14-15-V-36-2A-A1-80	
				8214513	VZWD-B-L-M22C-M-N14-15-V-36-3A-A1-80	
		440 g		8214518	VZWD-B-L-M22C-M-N14-15-V-36-2A-A1-80-R1	
				8214563	VZWD-B-L-M22C-M-N14-15-V-36-1-A1-80-R1	
				8214435	VZWD-B-L-M22C-M-N14-15-V-36-3A-A1-80-R1	
		300 g		8214438	VZWD-B-L-M22C-M-N14-20-V-30-2A-A1-22	
				8214455	VZWD-B-L-M22C-M-N14-20-V-30-1-A1-20	
				8214588	VZWD-B-L-M22C-M-N14-20-V-30-3A-A1-22	
		380 g		8214478	VZWD-B-L-M22C-M-N14-20-V-36-1-A1-40	
				8214594	VZWD-B-L-M22C-M-N14-20-V-36-3A-A1-50	
				8214489	VZWD-B-L-M22C-M-N14-20-V-36-2A-A1-50	
		440 g		8214551	VZWD-B-L-M22C-M-N14-20-V-36-2A-A1-50-R1	
				8214647	VZWD-B-L-M22C-M-N14-20-V-36-3A-A1-50-R1	
				8214539	VZWD-B-L-M22C-M-N14-20-V-36-1-A1-40-R1	
		300 g		8214419	VZWD-B-L-M22C-M-N14-25-V-30-2A-A1-16	
				8214646	VZWD-B-L-M22C-M-N14-25-V-30-3A-A1-16	
				8214639	VZWD-B-L-M22C-M-N14-25-V-30-1-A1-14	
		380 g		8214499	VZWD-B-L-M22C-M-N14-25-V-36-1-A1-33	
				8214441	VZWD-B-L-M22C-M-N14-25-V-36-2A-A1-35	
				8214585	VZWD-B-L-M22C-M-N14-25-V-36-3A-A1-35	
		440 g		8214534	VZWD-B-L-M22C-M-N14-25-V-36-1-A1-33-R1	
				8214589	VZWD-B-L-M22C-M-N14-25-V-36-3A-A1-35-R1	
				8214482	VZWD-B-L-M22C-M-N14-25-V-36-2A-A1-35-R1	
		300 g		8214596	VZWD-B-L-M22C-M-N14-30-V-30-3A-A1-15	
				8214465	VZWD-B-L-M22C-M-N14-30-V-30-2A-A1-15	

Ordering data

Function-optimised design							
	Connection Pro- cess valve	Nominal size	Valve function	Product weight	Part no.	Type	
	1/4 NPT	3 mm	2/2-way, closed, monostable	360 g	8214509	VZWD-B-L-M22C-M-N14-30-V-30-3A-A1-15-R1	
					8214462	VZWD-B-L-M22C-M-N14-30-V-30-2A-A1-15-R1	
				380 g	8214480	VZWD-B-L-M22C-M-N14-30-V-36-1-A1-24	
				440 g	8214641	VZWD-B-L-M22C-M-N14-30-V-36-1-A1-24-R1	
		4 mm		300 g	8214510	VZWD-B-L-M22C-M-N14-40-V-30-3A-A1-8	
					8214642	VZWD-B-L-M22C-M-N14-40-V-30-2A-A1-8	
				360 g	8214418	VZWD-B-L-M22C-M-N14-40-V-30-3A-A1-8-R1	
					8214635	VZWD-B-L-M22C-M-N14-40-V-30-2A-A1-8-R1	
				380 g	8214609	VZWD-B-L-M22C-M-N14-40-V-36-1-A1-15	
				440 g	8214627	VZWD-B-L-M22C-M-N14-40-V-36-1-A1-15-R1	
		5.2 mm		380 g	8214578	VZWD-B-L-M22C-M-N14-52-V-36-3A-A1-10	
					8214562	VZWD-B-L-M22C-M-N14-52-V-36-2A-A1-10	
					8214429	VZWD-B-L-M22C-M-N14-52-V-36-1-A1-9	
				440 g	8214495	VZWD-B-L-M22C-M-N14-52-V-36-1-A1-9-R1	
					8214428	VZWD-B-L-M22C-M-N14-52-V-36-2A-A1-10-R1	
					8214477	VZWD-B-L-M22C-M-N14-52-V-36-3A-A1-10-R1	
		6.4 mm		380 g	8214603	VZWD-B-L-M22C-M-N14-64-V-36-3A-A1-5	
					8214548	VZWD-B-L-M22C-M-N14-64-V-36-2A-A1-5	
					8214471	VZWD-B-L-M22C-M-N14-64-V-36-1-A1-4.5	
				440 g	8214508	VZWD-B-L-M22C-M-N14-64-V-36-3A-A1-5-R1	
					8214522	VZWD-B-L-M22C-M-N14-64-V-36-2A-A1-5-R1	
					8214543	VZWD-B-L-M22C-M-N14-64-V-36-1-A1-4.5-R1	

Accessories

Plug socket MSSD-C					
	Cable fitting	Cable diameter	Product weight	Part no.	Type
	Pg 9	6 ... 8 mm	22 g	34583	MSSD-C