

Pinch valves VZQA

FESTO



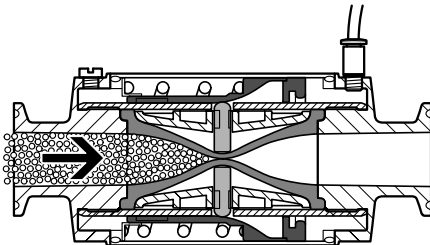
Key features

Application	Design	Areas of application	Examples of operating media:
The pinch valve is a 2/2-way valve used to control liquid and powdery media, solids as well as a mixture of substances.	- Easy-to-clean housing (clean design) - Open or closed in normal position - Shut-off element made of elastomer	- Filling systems - Dosing and weighing systems - Powder coating systems - Suction and compressed air control units - Pneumatic conveying systems - Sandblast systems	- Granules - Powder - Dust - Liquids containing solids - Fibrous products - Highly viscous media - Abrasive media - Corrosive media - Paste-like media

Function

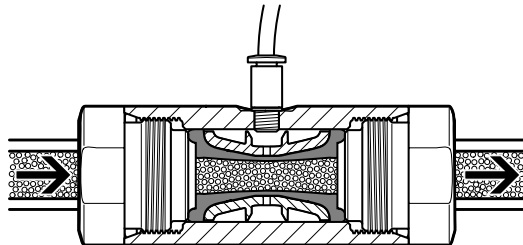
The pinch valve is a 2/2-way valve with a tubular pinch sleeve made of elastomer. The free passage when the valve is opened ensures minimum flow resistance and prevents the valve becoming blocked or clogged.

VZQA-C-M22C (normally closed)



In the normal position, the pinch valve is closed. The pinch valve sleeve opens when the valve is pressurised, releasing the material flow. When pressure is no longer applied, a spring closes the valve. The valve can be used to shut off liquid and gaseous media.

VZQA-C-M22U (normally open)

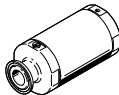
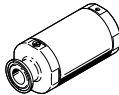
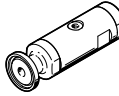
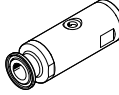
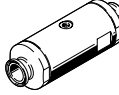


In the normal position, the pinch valve is open. The pinch valve sleeve closes when the valve is pressurised, shutting off the material flow. When pressure is no longer applied, the valve opens due to the inherent stress of the pinch valve sleeve or the pressure of the medium. The valve can be used to shut off liquid and powdery media, solids (granules) as well as a mixture of substances.

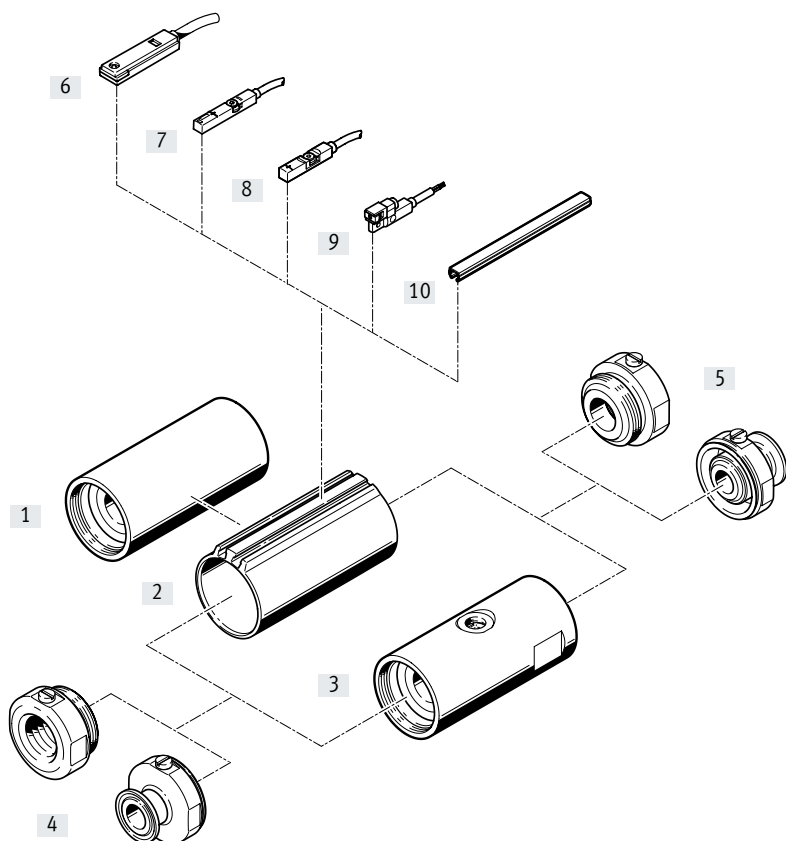
Note

The hermetic separation between the media circuit and control circuit is no longer guaranteed if wear causes the pinch valve sleeve to leak. The flow medium can then get into the control circuit, from where it can escape. Any potential hazard (e.g. due to aggressive or hot media) must be ruled out. The compressed air supply to the control valve must be protected against the ingress of the flow medium using a suitable check valve, or suitable protection against return flow must be integrated in the pilot line in the immediate vicinity of the media valve. Pilot medium can get into the media circuit if the pinch valve sleeve fails. The media circuit must therefore be sized for the set operating pressure. Any potential hazard must be ruled out.

Product range overview

Type		Nominal width DN	Valve body connection	Flow rate [m³/h]	Pilot air connection 12, max. permissible screw-in depth	→ Page/Internet
Normally closed M22C						
	VZQA-C-M22C	6	G1/4	0.7	M3, 3 mm	6
			1/4 NPT			
			Clamp ferrule to DIN 32676, series A			
			Clamp ferrule to ASME-BPE, type A			
	VZQA-C-M22C	15	G1/2	5	M5, 5 mm	6
			1/2 NPT			
			Clamp ferrule to DIN 32676, series A			
			Clamp ferrule to ASME-BPE, type A			
Normally open M22U						
	VZQA-C-M22U	6	G1/4	0.7	M5, 4.5 mm	9
			1/4 NPT			
			Clamp ferrule to DIN 32676, series A			
			Clamp ferrule to ASME-BPE, type A			
	VZQA-C-M22U	15	G1/2	5	G1/8, 5 mm	9
			1/2 NPT			
			Clamp ferrule to DIN 32676, series A			
			Clamp ferrule to ASME-BPE, type A			
	VZQA-C-M22U	25	G1	18	G1/8, 6 mm	9
			1 NPT			
			Clamp ferrule to DIN 32676, series A			
			Clamp ferrule to ASME-BPE, type B			

Peripherals overview



Accessories	Description	→ Page/Internet
Basic body		6
[1] VZQA-C-M22C	• Normally closed • "Stainless steel housing material" variant	
[2] VZQA-C-M22C	• Normally closed • "Aluminium housing material" variant (always with T-slots) • Integrated ring magnet only available when "End-position sensing type" is selected	
[3] Basic body VZQA-C-M22U	Normally open	9
[4] Connection 1	Various connections are available: • G female thread • NPT female thread • Clamp ferrule DIN 32676, series A • Clamp ferrule ASME-BPE, type A • Clamp ferrule ASME-BPE, type B	–
[5] Connection 2	Various connections are available: • G female thread • NPT female thread • Clamp ferrule DIN 32676, series A • Clamp ferrule ASME-BPE, type A • Clamp ferrule ASME-BPE, type B	–
Proximity switches for T-slot		14
[6] SME-8	Magnetic reed, insertable in the slot lengthwise	
[7] SME-8M	Magnetic reed, insertable in the slot from above	
[8] SMT-8M	Magnetoresistive, insertable in the slot from above, to EU Explosion Protection Directive	
[9] SMT-8G	Magnetoresistive, insertable in the slot lengthwise	
[10] Slot cover ABP-5-S	To protect the sensor cables and slots from contamination	15

Type codes

001	Series	
VZQA	Pinch valve, pneumatically actuated	
002	Product version	
C	Easy-to-clean design	
003	Valve function	
M22C	2/2-way valve, normally closed	
M22U	2/2-way valve, normally open	
004	Nominal diameter DN [mm]	
6	6	
15	15	
25	25	
005	Process valve connection type 1	
G	G female thread	
T	NPT female thread	
S1	Clamp ferrule to ASME-BPE, type A	
S5	Clamp ferrule to DIN 32676, series A	
S12	Clamp ferrule to ASME-BPE, type B	
006	Process valve connection type 2	
G	G female thread	
T	NPT female thread	
S1	Clamp ferrule to ASME-BPE, type A	
S5	Clamp ferrule to DIN 32676, series A	
S12	Clamp ferrule to ASME-BPE, type B	

007	Housing material	
AL	Aluminium	
V2	Stainless steel (nickel-chrome austenitic/1.4301, 1.4303, 1.4306 (AISI 304L))	
V4	Stainless steel (chrome-nickel-molybdenum, austenitic/1.4401, 1.4404 (AISI 316L), 1.4408)	
008	Housing cover material	
AL	Aluminium	
V4	Stainless steel	
POM	Polyoxymethylene	
009	Shut-off element material	
E	EPDM	
N	NBR	
S1	Silicone	
010	Pressure range of media	
4	0 ... 4 bar	
6	0 ... 6 bar	
011	Type of sensing	
	None	
E	End positions	

Data sheet M22C

**General technical data**

Nominal width DN	6	15
Nominal pressure of valve body PN	10	
Design	Pinch valve, pneumatically actuated	
Actuation type	Pneumatic	
Sealing principle	Soft	
Mounting position	Any	
Valve function	2/2-way closed, single solenoid	
Flow direction	Reversible	
Reset method	Mechanical spring	
Type of pilot control	Externally piloted	
Type of mounting	In-line installation	
Auxiliary pilot air connection 12	M3	M5
Switching time on [ms]	125	150
Switching time off [ms]	125	250
Flow rate Kv [m³/h]	0.7	5
Max. viscosity [mm²/s]	4000	

Operating and environmental conditions

Nominal width DN	6	15
Operating pressure [bar]	3.5 ... 6	
Burst pressure [bar]	16	
Pressure of medium [bar]	0 ... 4	0 ... 6
Ambient temperature [°C]	-5 ... +60	
Temperature of medium [°C]	-15 ... +50	-5 ... +100
Storage temperature [°C]	6 ... 8	
Suitability for use in the food industry ¹⁾	See supplementary material information	
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:1]	
Medium	Compressed air to ISO 8573-1:2010 [-:1]	
	Water	

1) Additional information is available at www.festo.com/sp → Certificates.

Materials**Material number**

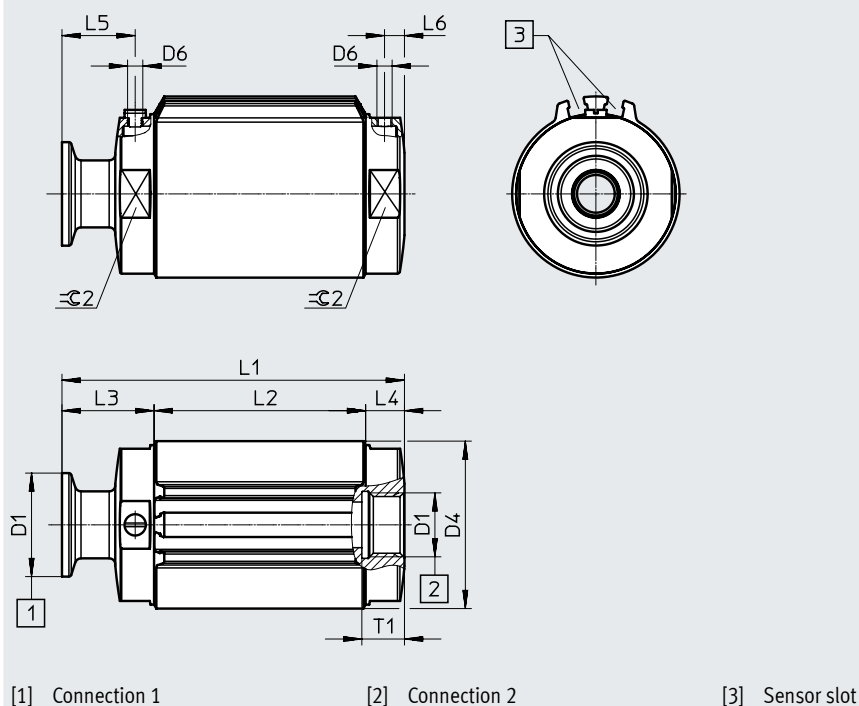
Housing		
V2V4	High-alloy stainless steel	1.4301
ALV4	Wrought aluminium alloy	–
Housing cover	High-alloy stainless steel	1.4435
Bowl		
Nominal width DN6	PPS	
Nominal width DN15	PA6	
Seals	FPM	
Shut-off element	EPDM	
Note on materials	RoHS-compliant	
	Contains paint-wetting impairment substances	

Data sheet M22C

Dimensions

Download CAD data → www.festo.com

Illustration – connection 1: clamp ferrule to DIN 32676, series A; connection 2: G1/2

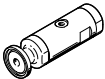
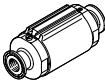


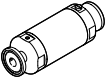
Valve body connection	D1	Housing material	D4 Ø	D6	L2	L3	L4	L5	L6	T1	≈ 2
Nominal width DN6											
G	G1/4	V2	33.6	M3	47.2	10.9	10.9	4.8	4.8	12	32
T	1/4 NPT					10.9	10.9	4.8	4.8	10	
S5	DIN 32676, series A					24	24	17.9	17.9	–	
S1	ASME-BPE, type A					24	24	17.9	17.9	–	
Nominal width DN15											
G	G1/2	V2	52.4	M5	69.5	12.8	12.8	6.6	6.6	14	50
		AL	55			12.8	12.8	6.6	6.6		
T	1/2 NPT	V2	52.4			12.8	12.8	6.6	6.6		
		AL	55			12.8	12.8	6.6	6.6		
S5	DIN 32676, series A	V2	55			30.3	30.3	24	24		
S1	ASME-BPE, type A	V2	55			30.3	30.3	24	24		

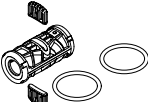
Valve body combinations	L1
Nominal width DN6	
GG	69
GT, TT, TG	69
S1S1, S1S5, S5S5, S5S1	95.1
S1G, S1T, GS1, TS1, S5G, S5T, GS5, TS5	82.1
Nominal width DN15	
GG	95
GT, TT, TG	95
S1S1, S1S5, S5S5, S5S1	130
S1G, S1T, GS1, TS1, S5G, S5T, GS5, TS5	112.5

Data sheet M22C

★ Core product range

Ordering data						
Pinch valves	Nominal width DN	Valve body connection	Shut-off element material	Weight [g]	Part no.	Type
	15	G1/2	EPDM	536	★ 3412426	VZQA-C-M22C-15-GG-V2V4E-6
		Clamp ferrule to DIN 32676, series A		666	★ 3412424	VZQA-C-M22C-15-S5S5-V2V4E-6
With integrated ring magnet for sensing the end positions						
	15	Clamp ferrule to DIN 32676, series A	EPDM	607	★ 3412425	VZQA-C-M22C-15-S5S5-ALV4E-6-E

Ordering data						
Pinch valves	Nominal width DN	Valve body connection	Shut-off element material	Weight [g]	Part no.	Type
	6	G1/4	EPDM	253	8091739	VZQA-C-M22C-6-GG-V2V4E-4
		1/4 NPT		253	4748311	VZQA-C-M22C-6-TT-V2V4E-4
	6	Clamp ferrule to DIN 32676, series A	EPDM	311	8079857	VZQA-C-M22C-6-S5S5-V2V4E-4
		Clamp ferrule to ASME-BPE, type A		302	8079858	VZQA-C-M22C-6-S1S1-V2V4E-4

Ordering data						
Seal cartridge	Nominal width DN	Storage temperature [°C]	Shut-off element material	Note on materials	Part no.	Type
	6	6 ... 8	EPDM	RoHS-compliant	3418620	VAVC-Q2-M22C-6-E
	15	6 ... 8	EPDM	RoHS-compliant	3418619	VAVC-Q2-M22C-15-E



Data sheet M22U



General technical data				
Nominal width DN	6	15	25	
Nominal pressure of valve body PN	10			
Design	Pinch valve, pneumatically actuated			
Actuation type	Pneumatic			
Sealing principle	Soft			
Mounting position	Any			
Valve function	2/2 open, single solenoid			
Flow direction	Reversible			
Reset method	Rebound resilience			
Type of pilot control	Externally piloted			
Type of mounting	In-line installation			
Auxiliary pilot air connection 12	M5	G1/8	G1/8	
Switching time on [ms]	125	250	250	
Switching time off [ms]	125	250	250	
Flow rate Kv [m ³ /h]	0.7	5	18	
Max. viscosity [mm ² /s]	4000			

Materials				
VZQA-C-M22U-...	V4V4	ALAL	ALV4	ALPOM
Housing	High-alloy stainless steel	Wrought aluminium alloy		
Housing cover	High-alloy stainless steel	Wrought aluminium alloy	High-alloy stainless steel	POM
Bowl	PA6			
Seals	FPM			
Note on materials				
For shut-off element NBR, EPDM, VMQ	RoHS-compliant			
For shut-off element VMQ	Contains paint-wetting impairment substances			

Data sheet M22U

Operating and environmental conditions				
Nominal width DN		6	15	25
Operating pressure	[bar]	1 ... 6.5		
Overload pressure	[bar]	7.8		
Pressure of medium	[bar]	0 ... 4		
Differential pressure				
For shut-off element NBR, EPDM	[bar]	2.5	2.5	2.5
For shut-off element VMQ	[bar]	2.5	2.5	3
Burst pressure	[bar]	16		
Ambient temperature	[°C]	-5 ... +60		
Temperature of medium				
For shut-off element NBR	[°C]	-5 ... +60		
For shut-off element EPDM	[°C]	-5 ... +100		
For shut-off element VMQ	[°C]	-5 ... +150		
Storage temperature				
For shut-off element NBR, EPDM	[°C]	6 ... 8		
For shut-off element VMQ	[°C]	5 ... 30		
Suitability for use in the food industry				
For shut-off element EPDM		See supplementary material information ¹⁾		
For shut-off element NBR, VMQ		See declaration of conformity		
Pilot medium				
For shut-off element EPDM		Compressed air to ISO 8573-1:2010 [7:4:1]		
For shut-off element NBR, VMQ		Compressed air to ISO 8573-1:2010 [7:4:4]		
Medium				
For shut-off element EPDM		Compressed air to ISO 8573-1:2010 [-:~:1]		
		Water		
For shut-off element NBR, VMQ		Compressed air to ISO 8573-1:2010 [-:~:]		

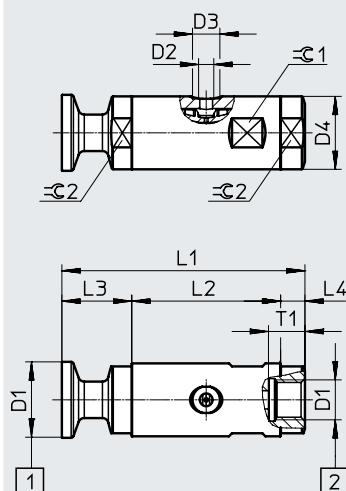
1) Additional information is available at www.festo.com/sp → Certificates.

Data sheet M22U

Dimensions

Download CAD data → www.festo.com

Illustration – connection 1: clamp ferrule to DIN 32676, series A; connection 2: G1/2



[1] Connection 1

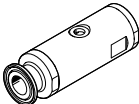
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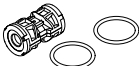
Valve body connection	D1	Housing cover material	D2	D3 Ø	D4 Ø	L2	L3	L4	T1	≈C 1	≈C 2
Nominal width DN6											
G	G1/4	V4, AL	M5	9	24	49	8	8	12	22	22
T	1/4 NPT	V4, AL					8	8			
S5	DIN 32676, series A	V4					23	23			
S1	ASME-BPE, type A	V4					23	23			
Nominal width DN15											
G	G1/2	V4, AL	G1/8	15	38	81	7	7	14	36	36
		POM					12	12			
T	1/2 NPT	V4, AL					7	7			
		POM					12	12			
S5	DIN 32676, series A	V4					24.5	24.5			
S1	ASME-BPE, type A	V4					24.5	24.5			
Nominal width DN25											
G	G1	V4, AL	G1/8	15	58	109	10.5	10.5	18	55	55
		POM					15.5	15.5			
T	1 NPT	V4, AL					10.5	10.5			
		POM					15.5	15.5			
S5	DIN 32676, series A	V4					28	28			
S1	ASME-BPE, type A	V4					28	28			
S12	ASME-BPE, type B	V4					28	28			

Valve body combinations	L1		
	Nominal width DN6	Nominal width DN15	Nominal width DN25
GG, GT, TT, TG made of V4 or AL	65	95	130
GG, GT, TT, TG made of POM	–	105	140
GG, GT, TT, TG made of V4 or AL with POM	–	100	135
S1S1, S1S5, S5S5, S5S1, S1S12, S12S1, S5S12, S12S5, S12S12	80	130	165
S1G, S1T, GS1, TS1, S5G, S5T, GS5, TS5, S12G, S12T, GS12, TS12	95	112.5	147.5

Data sheet M22U

★ Core product range

Ordering data							
Pinch valve	Nominal width DN	Valve body connection	Shut-off element material	Weight [g]	Part no.	Type	
	6	G1/4	NBR	105.5	2931679	VZQA-C-M22U-6-GG-ALV4N-4	
			EPDM	157	2931678	VZQA-C-M22U-6-GG-V4V4E-4	
			Silicone	157	2931683	VZQA-C-M22U-6-GG-V4V4S1-4	
		1/4 NPT	Silicone	157	2931685	VZQA-C-M22U-6-TT-V4V4S1-4	
		Clamp ferrule to DIN 32676, series A	EPDM	215	2931681	VZQA-C-M22U-6-S5S5-V4V4E-4	
			Silicone	215	2931682	VZQA-C-M22U-6-S5S5-V4V4S1-4	
		Clamp ferrule to ASME-BPE, type A	Silicone	195	2931684	VZQA-C-M22U-6-S1S1-V4V4S1-4	
		15	G1/2	NBR	431	3022830	VZQA-C-M22U-15-GG-V4V4N-4
				NBR	265	3022831	VZQA-C-M22U-15-GG-ALV4N-4
	NBR			158	3022832	VZQA-C-M22U-15-GG-ALPOMN-4	
	EPDM			431	3022829	VZQA-C-M22U-15-GG-V4V4E-4	
	Silicone			431	3022835	VZQA-C-M22U-15-GG-V4V4S1-4	
	1/2 NPT		Silicone	431	3022838	VZQA-C-M22U-15-TT-V4V4S1-4	
	Clamp ferrule to DIN 32676, series A		EPDM	559	3022833	VZQA-C-M22U-15-S5S5-V4V4E-4	
			Silicone	559	3022834	VZQA-C-M22U-15-S5S5-V4V4S1-4	
	Clamp ferrule to ASME-BPE, type A		Silicone	495	3022837	VZQA-C-M22U-15-S1S1-V4V4S1-4	
	25		G1	EPDM	1178	3968922	VZQA-C-M22U-25-GG-V4V4E-4
				EPDM	480	3968923	VZQA-C-M22U-25-GG-ALALE-4
				Silicone	1178	3968926	VZQA-C-M22U-25-GG-V4V4S1-4
		1 NPT	Silicone	1178	3968928	VZQA-C-M22U-25-TT-V4V4S1-4	
		Clamp ferrule to DIN 32676, series A	EPDM	1474	3968924	VZQA-C-M22U-25-S5S5-V4V4E-4	
			Silicone	1474	3968925	VZQA-C-M22U-25-S5S5-V4V4S1-4	
		Clamp ferrule to ASME-BPE, type B	Silicone	1516	3968927	VZQA-C-M22U-25-S1S1-V4V4S1-4	

Ordering data										
Seal cartridge	Nominal width DN	Shut-off element material	Storage temperature [°C]	Note on materials		Suitability for use in the food industry	Part no.	Type		
	6	NBR	6 ... 8	—	RoHS-compliant	—	2392881	VAVC-Q2-M22U-6-N		
		EPDM				1)	2392882	VAVC-Q2-M22U-6-E		
		VMQ (silicone)	0 ... 25	Contains paint-wetting impairment substances		2)	2392883	VAVC-Q2-M22U-6-S1		
		15	NBR	6 ... 8		—	—	3019151	VAVC-Q2-M22U-15-N	
			EPDM				1)	3019148	VAVC-Q2-M22U-15-E	
			VMQ (silicone)	0 ... 25		Contains paint-wetting impairment substances	2)	3019144	VAVC-Q2-M22U-15-S1	
	25		NBR	6 ... 8	—	—	★ 3970092	VAVC-Q2-M22U-25-N		
			EPDM			—	3970093	VAVC-Q2-M22U-25-E		
			VMQ (silicone)	0 ... 25	Contains paint-wetting impairment substances	2)	3970094	VAVC-Q2-M22U-25-S1		

- 1) See supplementary material information
Additional information is available at www.festo.com/sp → Certificates.
- 2) See declaration of conformity



Ordering data – Modular product system

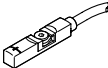
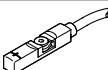
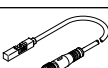
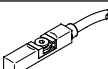
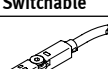
Ordering table					
VZQA-C-...	M22C	M22U	Conditions	Code	Enter code
Module no.	3174282	2037881			
Product type	Pinch valve			VZQA	VZQA
Version	Easy-to-clean design			-C	-C
Valve function	2/2-way valve, normally closed	–		-M22C	
	–	2/2-way valve, normally open		-M22U	
Nominal diameter DN	6			-6	
	15			-15	
	–	25		-25	
Valve body connection type 1	G female thread			-G	
	Clamp ferrule to ASME-BPE, type A		[1] [4]	-S1	
	Clamp ferrule to DIN 32676, series A		[1]	-S5	
	NPT female thread			-T	
	Clamp ferrule to ASME-BPE, type B		[1] [3] [4] [6]	-S12	
Valve body connection type 2	G female thread			G	
	Clamp ferrule to ASME-BPE, type A		[1] [4]	S1	
	Clamp ferrule to DIN 32676, series A		[1]	S5	
	NPT female thread			T	
	Clamp ferrule to ASME-BPE, type B		[1] [3] [4] [6]	S12	
Housing material	Aluminium			-AL	
	Stainless steel (austenitic chromium-nickel)	–		-V2	
	–	Stainless steel (austenitic chromium-nickel-molybdenum)		-V4	
Housing cover material	Aluminium			AL	
	–	Polyoxymethylene	[3]	POM	
	Stainless steel (austenitic chromium-nickel-molybdenum)			V4	
Shut-off element material	EPDM			E	
	–	NBR		N	
	–	Silicone		S1	
Pressure range of media [bar]	0 ... 4		[7]	-4	
	0 ... 6	–	[3]	-6	
Sensing type	None				
	End positions		[2] [5]	-E	

- [1] S1, S5, S12 Only in combination with housing cover material V4 (stainless steel)
- [2] E Only in combination with valve function M22C
- [3] POM, S12, 6 Not in combination with nominal diameter DN6
- [4] S1, S12 Not in combination with nominal diameter DN25 with valve function M22C
- [5] E Not in combination with housing material V2 (stainless steel)
- [6] S12 Not in combination with nominal diameter DN15
- [7] 4 Not in combination with nominal diameter DN15 with valve function M22C

Accessories

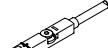
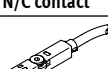
Ordering data – Proximity switches for T-slot, magnetoresistive

Data sheets → Internet: smt-8

	Switching output	Electrical connection			Cable length [m]	Part no.	Type
		Cable	Cable with plug, rotatable thread				
			M8x1	M12x1			
N/O contact							
	PNP	–	3-pin	–	0.3	★ 574334	SMT-8M-A-PS-24V-E-0.3-M8D
		3-wire	–	–	2.5	★ 574335	SMT-8M-A-PS-24V-E-2.5-OE
		3-wire	–	–	5	★ 574336	SMT-8M-A-PS-24V-E-5.0-OE
		–	–	3-pin	0.3	★ 574337	SMT-8M-A-PS-24V-E-0.3-M12
	NPN	3-wire	–	–	2.5	★ 574338	SMT-8M-A-NS-24V-E-2.5-OE
		–	3-pin	–	0.3	★ 574339	SMT-8M-A-NS-24V-E-0.3-M8D
		To EU Explosion Protection Directive (ATEX)					
Non-contacting	2-wire	–	–	5	★ 574341	SMT-8M-A-ZS-24V-E-5.0-OE-EX2	
PNP	–	3-pin	–	0.3	574342	SMT-8M-A-PS-24V-E-0.3-M8D-EX2	
N/O contact, corrosion-resistant							
	PNP	3-wire	–	–	5	574380	CRSMT-8M-PS-24V-K-5.0-OE
		3-wire	–	–	10	574381	CRSMT-8M-PS-24V-K-10.0-OE
	PNP	–	–	3-pin	0.3	574382	CRSMT-8M-PS-24V-K-0.3-M12
		–	3-pin	–	0.3	574383	CRSMT-8M-PS-24V-K-0.3-M8D
N/C contact							
	PNP	3-wire	–	–	7.5	★ 574340	SMT-8M-A-PO-24V-E-7.5-OE
Switchable							
	PNP/NPN	–	3-pin	–	0.3	574343	SMT-8M-A-PNS-24V-E-0.3-M8D
	PNP PS/PO	–	3-pin	–	0.3	574344	SMT-8M-A-PSO-24V-E-0.3-M8D

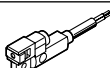
Ordering data – Proximity switches for T-slot, magnetic reed

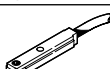
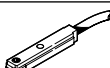
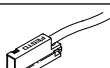
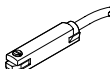
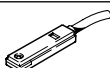
Data sheets → Internet: sme-8

	Switching output	Electrical connection		Cable length [m]	Part no.	Type
		Cable	Cable with plug, rotatable thread			
			M8x1			
N/O contact						
	Contacting, bipolar	–	3-pin	0.3	★ 543861	SME-8M-DS-24V-K-0.3-M8D
		3-wire	–	2.5	★ 543862	SME-8M-DS-24V-K-2.5-OE
		3-wire	–	5	★ 543863	SME-8M-DS-24V-K-5.0-OE
		2-wire	–	2.5	★ 543872	SME-8M-ZS-24V-K-2.5-OE
		3-wire	–	7.5	543876	SME-8M-DS-24V-K-7.5-OE
N/C contact						
	Contacting, bipolar	3-wire	–	7.5	★ 546799	SME-8M-DO-24V-K-7.5-OE



Accessories

Ordering data – Proximity switches for T-slot, magnetoresistive						Data sheets → Internet: smt-8
	Switching output	Electrical connection		Cable length [m]	Part no.	Type
		Cable	Plug M8x1			
N/O contact						
	PNP	3-wire	–	2.5	547859	SMT-8G-PS-24V-E-2.5Q-OE
		–	3-pin	0.3	547860	SMT-8G-PS-24V-E-0.3Q-M8D
	PNP	–	3-pin	–	562019	SMT-8-SL-PS-LED-24-B

Ordering data – Proximity switches for T-slot, magnetic reed						Data sheets → Internet: sme-8
	Switching output	Electrical connection		Cable length [m]	Part no.	Type
		Cable	Plug M8x1			
N/O contact						
	Contacting, bipolar	3-wire	–	2.5	150855	SME-8-K-LED-24
		3-wire	–	5.0	175404	SME-8-K5-LED-24
		3-wire	–	7.5	530491	SME-8-K-7.5-LED-24
		–	3-pin	0.3	150857	SME-8-S-LED-24
		2-wire	–	2.5	171169	SME-8-ZS-KL-LED-24
	Contacting, bipolar	–	3-pin	–	526622	SME-8-SL-LED-24
	Contacting, bipolar, heat-resistant	2-wire	–	2.5	161756	SME-8-K-24-S6
	Contacting, bipolar, operating voltage range up to 230 V AC/DC	2-wire	–	2.5	152820	SME-8-K-LED-230
	Contacting, bipolar	3-wire	–	1	562515	SME-8-FM-DS-24V-K-1.0-OE
		2-wire	–	1	562516	SME-8-FM-ZS-24V-K-1.0-OE
N/C contact						
	Contacting, bipolar	3-wire	–	7.5	160251	SME-8-O-K-LED-24

Ordering data – Slot cover for T-slot				
	Mounting	Length [m]	Part no.	Type
	Insertable	2x 0.5	151680	ABP-5-S