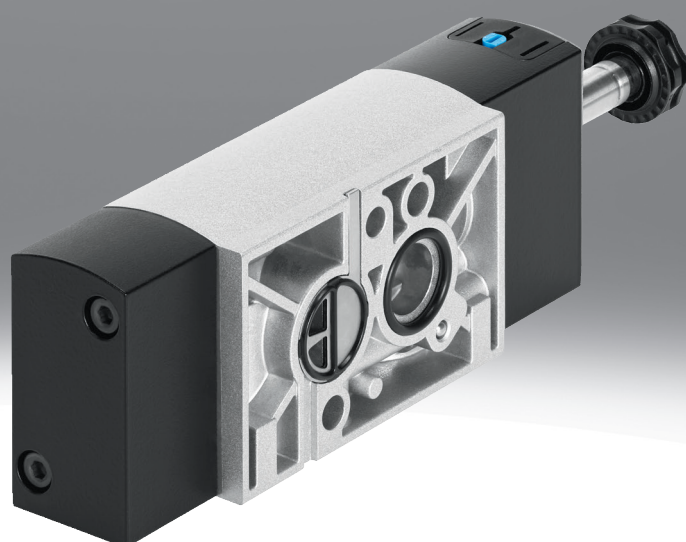


Solenoid valve VSNC

FESTO



Characteristics

At a glance

[Link](#)  [vsnc](#)

Functions:

- VSNC valves are pilot valves for single- and double-acting quarter turn and linear actuators with a connection pattern according to VDI/VDE 3845, such as DAPS, DFPB, DLP. With the appropriate accessories, such as a connection kit, they can also be mounted on actuators without a NAMUR interface, such as diaphragm actuators. They are designed for the requirements of process automation. A mechanical spring (single solenoid valves) ensure safe switching to the initial position in the event of a power failure. Working ports 2, 4 on valves VSNC-F...-P2 are designed according to VDI/VDE 3845 NAMUR.

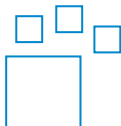
Innovative:

- Conversion from 3/2-way to 5/2-way valve simply by turning the seal
- Enables single- or double-acting actuators to be controlled with one valve
- The valve can be ordered either with non-detenting/detenting or non-detenting manual override or without manual override. It is converted using a special cap. The part number is therefore identical. It can be converted at any time

Flexible:

- Cost-optimised variant with plastic cover and brass armature as well as IP65 coils
- Application-optimised variant with aluminium cover, stainless steel armature for IP65 and Ex coils as well as protective cap for the armature
- One armature system for all Ex solenoid systems
- Pilot air for VSNC-F ... -P2 CNOMO connection to ISO 15218
- For Zone 1 to IEC Ex with type of ignition protection
- Ex-ia
- Ex-mb
- For Zone 2 to IEC Ex with type of ignition protection
- Ex-nA
- For Class I Div I to NEC 505
- AEx-m

Ordering data - modular system

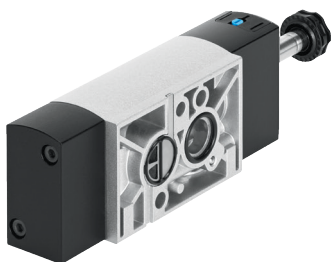


Configurable product

This product and all its product options can be ordered online via the configurator.

Valve pilot control interface

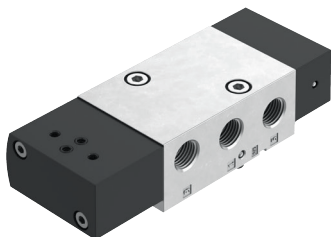
[F8] With armature tube 8 mm, long



[FN] With armature tube 9 mm



[P2] For pilot valves with CNOMO interface size 30 mm to ISO 15218



[F19] Electric with armature tube for solenoid coil, 13 mm



Characteristics

[F19A]	Electric with armature tube for solenoid coil 13 mm, intrinsically safe
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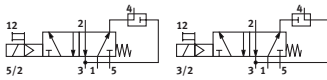
Type code

001	Series	
VSNC	Solenoid valve VSNC	
002	Directional control valve type	
F	Flanged valve	
003	Design principle	
	Piston spool	
T	Poppet valve	
004	Additional function	
	None	
C	Convertible valve function	
005	Valve function	
B52	5/2-way valve, double solenoid/bistable	
M52	5/2-way valve, single solenoid/monostable	
P53C	5/3-way valve, mid-position closed	
P53E	5/3-way valve, mid-position exhausted	
P53U	5/3-way valve, mid-position pressurised	
006	Reset method for monostable/single solenoid valves	
	None	
M	Mechanical spring	
007	Manual override	
	None	
D	Non-detenting, detenting	
H	Non-detenting	
S	Covered	
008	Pneumatic connection	
G14	G1/4	
N14	1/4 NPT	
Q6	Push-in connector 6 mm	
Q8	Push-in connector 8 mm	
Q10	Push-in connector 10 mm	
T38	Push-in connector 3/8"	
T14	Push-in connector 1/4"	
T516	Push-in connector 5/16"	
009	Exhaust	
	No fitting	
QN	With fitting	
U1	Silencer with metallic housing	
U3	Silencer with polymer housing	
010	Valve pilot control interface	
F8	With armature tube 8 mm, long	
F19	Electric with armature tube for solenoid coil, 13 mm	
F19A	Electric with armature tube for solenoid coil 13 mm, intrinsically safe	
FN	With armature tube 9 mm	
P2	For pilot valves with CNOMO interface size 30 mm to ISO 15218	

011	Power consumption	
	None	
11	1.1 W	
18	1.8 W	
012	Nominal operating voltage	
	None	
1	24 V DC	
1A	24 V AC/50-60 Hz	
1U	24 V DC and AC	
2U	110 V DC and AC	
3A	230 V AC/50-60 Hz	
3U	230 V DC and AC	
3W	230 V AC/240 V AC/50-60 Hz	
5	12 V DC	
7	48 V DC	
7A	48 V AC/50-60 Hz	
16B	120 V AC/60 Hz and 110V AC/50-60 Hz	
27U	60 V DC and AC	
013	Electrical connection	
	None	
A1	Plug pattern type A, to EN 175301-803	
B2	Connection pattern type B, industry standard	
C3	Cable, 3 m	
K4	Cable connector metric	
K11	Cable with insulating conduit connection	
014	Degree of protection, electrical system	
	Standard	
S8	IP67	
S11	IP66	
015	Circuitry	
	None	
F	Fuse	
016	EX certification EU	
	None	
EX2	II 3GD	
EX4	II 2GD	
017	Certification	
	None	
U4	Class1 Div1 to NEC 500	
018	Type of ignition protection	
	None	
A	Intrinsically safe	
D	Flameproof encapsulation	
M	Encapsulation	
ME	Encapsulation, enhanced security	
N	Non-sparking	
019	Electrical valve accessories	
	None	
G	Connector socket, without LED	

Datasheet

General technical data, 3/2- or 5/2-way valve ...-F8, can be converted, single solenoid

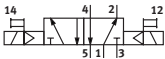


- 5/2-way valve
- 3/2-way valve with exhaust return
- Operating pressure: 1.5 ... 8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 1350 l/min

Valve function	5/2-way or 3/2-way, convertible
Construction width	32 mm
Design	Piston gate valve
Sealing principle	Soft
Type of actuation	Electrical
Type of reset	Mechanical spring
Type of piloting	Piloted
Manual override	Detenting, Non-detenting
Exhaust-air function	Can be throttled
Breather connection	Not ducted
Pilot air supply	Internal
Type of mounting	With through-hole
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	1,250 l/min
Standard nominal flow rate, exhaust return 4->3	110 l/min
b value	0.4
C value	5.2 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	DNVGL-TAA000011J
Product weight	335 ... 380 g

Datasheet

General technical data 5/2-way valve ...-F8, double solenoid

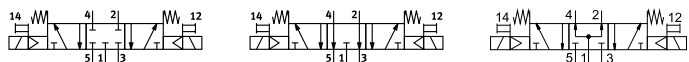


- 5/2-way valve
- Operating pressure: 1.5 ... 10 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 1200 l/min

Valve function	5/2-way, double solenoid
Construction width	32 mm
Design	Piston gate valve
Sealing principle	Soft
Type of actuation	Electrical
Type of reset	–
Type of piloting	Piloted
Manual override	Detenting, Non-detenting
Type of mounting	With through-hole
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	1,350 l/min
b value	0.4
C value	5.6 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	DNVGL-TAA000011]
Product weight	345 ... 440 g

Datasheet

General technical data 5/3-way valve ...F8



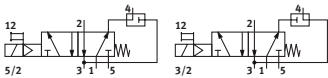
- 5/3-way valve

- Operating pressure: 3 ... 10 bar
- Temperature range: -20 ... +60 °C
- Standard nominal flow rate: 800... 1200 l/min

Valve function	5/3-way, pressurised, 5/3 exhausted, 5/3-way, closed
Construction width	32 mm
Design	Piston gate valve
Sealing principle	Soft
Type of actuation	Electrical
Type of piloting	Piloted
Manual override	Detenting, Non-detenting
Type of mounting	With through-hole
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	950 ... 1,250 l/min
b value	0.4 ... 0.5
C value	2.1 ... 5.2 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	DNVGL-TAA000011J
Product weight	345 g

Datasheet

General technical data 3/2- or 5/2-way valve VSNC-F...-FN can be converted, single solenoid

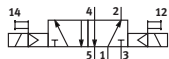


- 3/2-way valve or 5/2-way valve
- Operating pressure: 2.5 ... 8 bar
- Temperature range: -20 ... +60 °C
- Standard nominal flow rate: 1250 l/min

Valve function	5/2-way or 3/2-way, convertible
Construction width	32 mm
Design	Piston gate valve
Sealing principle	Soft
Type of actuation	Electrical
Type of piloting	Piloted
Manual override	Detenting, Non-detenting
Exhaust-air function	Can be throttled
Breather connection	Not ducted
Pilot air supply	Internal
Type of mounting	With through-hole
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	1,250 l/min
Standard nominal flow rate, exhaust return 4->3	110 l/min
b value	0.4
C value	5.2 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	DNVGL-TAA000011]
Product weight	415 ... 530 g

Datasheet

General technical data 5/2-way valve VSNC-F...-FN double solenoid



- 5/2-way valve, double solenoid
- Operating pressure: 1.5 ... 8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 1350 l/min

Valve function	5/2-way, double solenoid
Construction width	32 mm
Design	Piston gate valve
Sealing principle	Soft
Type of actuation	Electrical
Type of piloting	Piloted
Pilot air supply	Internal
Exhaust-air function	Can be throttled
Manual override	Detenting, Non-detenting
Type of mounting	With through-hole
Breather connection	Not ducted
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	1,350 l/min
b value	0.4
C value	5.6 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	DNVGL-TAA000011J
Product weight	455 ... 685 g

Datasheet

General technical data 5/3-way valve VSNC-F...-FN



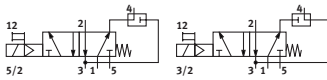
- 5/3-way valve, closed
- 5/3-way valve, exhausted
- 5/3-way valve, pressurised

- Operating pressure: 3 ... 8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 950... 1250 l/min

Valve function	5/3-way, pressurised, 5/3 exhausted, 5/3-way, closed
Construction width	32 mm
Design	Piston gate valve
Sealing principle	Soft
Type of reset	Mechanical spring
Type of actuation	Electrical
Type of piloting	Piloted
Pilot air supply	Internal
Exhaust-air function	Can be throttled
Manual override	Detenting, Non-detenting
Type of mounting	With through-hole
Breather connection	Not ducted
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	950 ... 1,250 l/min
b value	0.4 ... 0.5
C value	2.1 ... 5.2 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	DNVGL-TAA000011J
Product weight	450 g

Datasheet

Electrical data 3/2- or 5/2-way valve VSNC-FT...-FN, can be converted, single solenoid

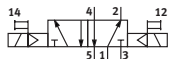


- 3/2-way valve
- 5/2-way valve
- Operating pressure: 2.5 ... 8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 800 l/min

Valve function	5/2-way or 3/2-way, convertible
Construction width	32 mm
Design	Poppet seat
Sealing principle	Soft
Type of reset	Mechanical spring
Type of actuation	Electrical
Type of piloting	Piloted
Pilot air supply	Internal
Exhaust-air function	Can be throttled
Manual override	Detenting, Non-detenting
Type of mounting	With through-hole
Breather connection	Not ducted
Mounting position	Any
Flow direction	Non-reversible
Standard nominal flow rate (standardised to DIN 1343)	800 l/min
b value	0.15
C value	3.96 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	DNVGL-TAA000011J
Degree of protection	IP65, IP67, With plug socket, To IEC 60529
Product weight	400 ... 495 g

Datasheet

General technical data – 5/2-way valve VSNC-FT...-FN, double solenoid

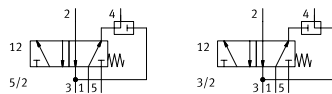


- 5/2-way valve, double solenoid
- Operating pressure: 1.5 ...8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 1000 l/min

Valve function	5/2-way, double solenoid
Construction width	32 mm
Design	Poppet seat
Sealing principle	Soft
Type of actuation	Electrical
Type of piloting	Piloted
Pilot air supply	Internal
Exhaust-air function	Can be throttled
Manual override	Detenting, Non-detenting
Type of mounting	With through-hole
Breather connection	Not ducted
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	1,000 l/min
b value	0.24
C value	4.6 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	DNVGL-TAA000011J
Degree of protection	IP65, IP67, With plug socket, To IEC 60529
Product weight	445 ... 635 g

Datasheet

General technical data 3/2- or 5/2-way valve VSNC-FT...-P2, can be converted, single solenoid

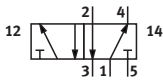


- 3/2-way valve or 5/2-way valve
- Operating pressure: 2.5 ... 8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 800 l/min

Valve function	5/2-way or 3/2-way, convertible
Construction width	32 mm
Design	Poppet seat
Sealing principle	Soft
Type of actuation	Electrical
Type of reset	Mechanical spring
Type of piloting	Piloted
Manual override	None
Exhaust-air function	Can be throttled
Breather connection	Not ducted
Pilot air supply	Internal
Type of mounting	With through-hole
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	800 l/min
Standard nominal flow rate, exhaust return 4->3	110 l/min
b value	–
C value	–
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	–
Product weight	382 g

Datasheet

General technical data 5/2-way valve VSNC-FT...-P2, double solenoid

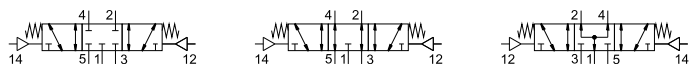


- 5/2-way valve, double solenoid
- Operating pressure: 1.5 ...8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 1000 l/min

Valve function	5/2-way, double solenoid
Construction width	32 mm
Design	Poppet seat
Sealing principle	Soft
Type of actuation	Electrical
Type of reset	–
Type of piloting	Piloted
Manual override	None
Type of mounting	With through-hole
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	1,000 l/min
b value	–
C value	–
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	–
Product weight	422 g

Datasheet

General technical data 5/3-way valve VSNC-FT...-P2

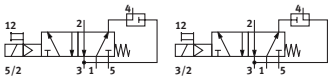


- 5/3-way valve, closed
 - 5/3-way valve, exhausted
 - 5/3-way valve, pressurised
-
- Operating pressure: 3 ...8 bar
 - Temperature range: -20... +60 °C
 - Standard nominal flow rate: 950... 1250 l/min

Valve function	5/3-way, pressurised, 5/3 exhausted, 5/3-way, closed
Construction width	32 mm
Design	Piston gate valve
Sealing principle	Soft
Type of actuation	Electrical
Type of piloting	Piloted
Manual override	None
Type of mounting	With through-hole
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	950 ... 1,250 l/min
b value	0.4 ... 0.5
C value	2.1 ... 5.2 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	–
Product weight	428 g

Datasheet

General technical data 3/2- or 5/2-way valve VSNC-FTC...-F19/F19A, can be converted

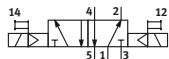


- 3/2-way valve or 5/2-way valve
- Operating pressure: 2.5 ...8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 800 l/min

Valve function	5/2-way or 3/2-way, convertible
Construction width	32
Design	Poppet seat
Sealing principle	Soft
Type of reset	Mechanical spring
Type of piloting	Piloted
Manual override	None, Non-detenting
Exhaust-air function	Can be throttled
Breather connection	Not ducted
Pilot air supply	Internal
Type of mounting	With through-hole
Mounting position	Any
Type of actuation	Electrical
Standard nominal flow rate (standardised to DIN 1343)	800 l/min
Standard nominal flow rate, exhaust return 4->3	110 l/min
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Product weight	478 g, 480 g

Datasheet

General technical data – 5/2-way valve VSNC-FT...- F19/F19A, double solenoid

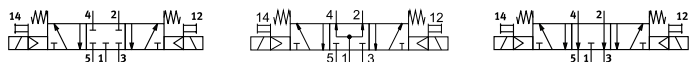


- 5/2-way valve, double solenoid
- Operating pressure: 1.5 ...8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 1000 l/min

Valve function	5/2-way, double solenoid
Construction width	32
Design	Poppet seat
Sealing principle	Soft
Type of actuation	Electrical
Type of piloting	Piloted
Manual override	None, Non-detenting
Exhaust-air function	Can be throttled
Breather connection	Not ducted
Pilot air supply	Internal
Type of mounting	With through-hole
Mounting position	Any
Standard nominal flow rate (standardised to DIN 1343)	1,000 l/min
Pneumatic connection, port 1	G1/4, 1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	G1/4, 1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	G1/4, 1/4 NPT
Conforms to standard	VDI/VDE 3845 (NAMUR)
Certificate issuing authority	–
Product weight	613

Datasheet

General technical data – 5/3-way valve VSNC-F...-F19/F19A



- 5/3-way valve, closed
- 5/3-way valve, exhausted
- 5/3-way valve, pressurised

- Operating pressure: 3 ...8 bar
- Temperature range: -20... +60 °C
- Standard nominal flow rate: 950... 1250 l/min

Valve function	5/3-way, pressurised	5/3 exhausted	5/3-way, closed
Construction width	32		
Design	Piston gate valve		
Sealing principle	Soft		
Type of reset	Mechanical spring		
Type of piloting	Piloted		
Manual override	None, Non-detenting		
Exhaust-air function	Can be throttled		
Breather connection	Not ducted		
Pilot air supply	Internal		
Type of actuation	Electrical		
Type of mounting	With through-hole		
Mounting position	Any		
Standard nominal flow rate (standardised to DIN 1343)	950 l/min	1,050 l/min	1,250 l/min
b value	0.5	0.4	
C value	2.1 l/sbar	4.4 l/sbar	5.2 l/sbar
Pneumatic connection, port 1	G1/4, 1/4 NPT		
Pneumatic connection, port 2	Connection pattern to NAMUR		
Pneumatic connection, port 3	G1/4, 1/4 NPT		
Pneumatic connection, port 4	Connection pattern to NAMUR		
Pneumatic connection, port 5	G1/4, 1/4 NPT		
Conforms to standard	VDI/VDE 3845 (NAMUR)		
Product weight	619 g		

Operating and environmental conditions

Valve function	5/2-way, double solenoid, 5/2-way, single solenoid, 5/2-way or 3/2-way, convertible, 5/3-way, pressurised, 5/3 exhausted, 5/3-way, closed, Connections swapped
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Operating pressure	1.5 ... 10 bar
Ambient temperature	-20 ... 60°C
Media temperature	-20 ... 60°C
Corrosion resistance class CRC	1 - Low corrosion stress, 2 - Moderate corrosion stress
Maritime classification	—

Materials

Short type code	VSNC
Material housing	Wrought aluminium alloy
Material seals	NBR
Material screws	Galvanised steel, High-alloy stainless steel

Datasheet

ATEX 3/2 or 5/2 -...-FN convertible, single solenoid	
Valve function	5/2-way, double solenoid, 5/2-way or 3/2-way, convertible, 5/3-way, pressurised, 5/3 exhausted, 5/3-way, closed
ATEX category gas	II 2G, II 3G
Explosion ignition protection type for gas	AEx m II T4 Ex db IIC T4 Gb Ex db IIC T5 Gb Ex ec IIC T5 Gc X Ex ia IIC T6 Ga Ex ia IIC T6 ...T5 Ga Ex mb IIC T6 Gb
ATEX category dust	II 2D, II 3D
Explosion ignition protection type for dust	Ex ia IIIB T135°C Da Ex mb IIIC T80°C Db Ex mb tb IIIC T80°C Db Ex t IIIC T80°C Db Ex tb IIIC T100°C Db Ex tb IIIC T135°C Db Ex tc IIIC T95°C Dc X
Explosion protection certification outside the EU	Class I, Div. 1 (US) Class I, Div. 2 (US) Class II, Div. 1 (US) Class II, Div. 2 (US) Class III, Div. 1 (US) Class III, Div. 2 (US) EPL Da (IEC-Ex) EPL Db (IEC-EX) EPL Db (KR) EPL Dc (KR) EPL Ga (IEC-EX) EPL Ga (KR) EPL Gb (IECEx) EPL Gb (KR) EPL Gc (KR)
Explosion ambient temperature	-20°C ≤ Ta ≤ +50°C -20°C ≤ Ta ≤ +60°C -40°C ≤ Ta ≤ +50°C -40°C ≤ Ta ≤ +65°C -65°C ≤ Ta ≤ +40°C -65°C ≤ Ta ≤ +55°C T4, T130°C: -20°C ≤ Ta ≤ +60°C T5, T95°C: -20°C ≤ Ta ≤ +60°C T5, T95°C: -30°C ≤ Ta ≤ +65°C T6, T85°C: -20°C ≤ Ta ≤ +50°C T6/T80°C: -30°C ≤ Ta ≤ +50°C
Degree of protection	IP65, IP66, IP67, With plug socket, To IEC 60529

Datasheet

ATEX 5/2-...-FN double solenoid

Valve function	5/2-way, double solenoid, 5/2-way or 3/2-way, convertible, 5/3-way, pressurised, 5/3 exhausted, 5/3-way, closed
ATEX category gas	II 2G, II 3G
Explosion ignition protection type for gas	AEx m II T4 Ex db IIC T4 Gb Ex db IIC T5 Gb Ex ec IIC T5 Gc X Ex ia IIC T6 Ga Ex ia IIC T6 ...T5 Ga Ex mb IIC T6 Gb
ATEX category dust	II 2D, II 3D
Explosion ignition protection type for dust	Ex ia IIIB T135°C Da Ex mb IIIC T80°C Db Ex mb tb IIIC T80°C Db Ex t IIIC T80°C Db Ex tb IIIC T100°C Db Ex tb IIIC T135°C Db Ex tc IIIC T95°C Dc X
Explosion protection certification outside the EU	Class I, Div. 1 (US) Class I, Div. 2 (US) Class II, Div. 1 (US) Class II, Div. 2 (US) Class III, Div. 1 (US) Class III, Div. 2 (US) EPL Da (IEC-Ex) EPL Db (IEC-EX) EPL Db (KR) EPL Dc (KR) EPL Ga (IEC-EX) EPL Ga (KR) EPL Gb (IECEX) EPL Gb (KR) EPL Gc (KR)
Explosion ambient temperature	-20°C ≤ Ta ≤ +50°C -20°C ≤ Ta ≤ +60°C -40°C ≤ Ta ≤ +50°C -40°C ≤ Ta ≤ +65°C -65°C ≤ Ta ≤ +40°C -65°C ≤ Ta ≤ +55°C T4, T130°C: -20°C ≤ Ta ≤ +60°C T5, T95°C: -20°C ≤ Ta ≤ +60°C T5, T95°C: -30°C ≤ Ta ≤ +65°C T6, T85°C: -20°C ≤ Ta ≤ +50°C T6/T80°C: -30°C ≤ Ta ≤ +50°C
Degree of protection	IP65, IP66, IP67, With plug socket, To IEC 60529

Electrical data 3/2- or 5/2-way valve, reversible, single solenoid

Valve function	5/2-way or 3/2-way, convertible
Electrical connection	3-pin, Type A, Type B, Plug, To EN 175301-803, To industry standard (11 mm)
Characteristic coil data	24 V DC: 3.3 W, 24 V DC: 2.6 W, See solenoid coil, to be ordered separately
Duty cycle	100%
Switching time on	11 ms
Switching time off	48 ms
Permissible voltage fluctuations	+/-10%

Electrical data 5/2-way valve, double solenoid

Valve function	5/2-way, double solenoid
Electrical connection	3-pin, Type A, Type B, Plug, To EN 175301-803, To industry standard (11 mm)
Characteristic coil data	24 V DC: 3.3 W, 24 V DC: 0.7 W, See solenoid coil, to be ordered separately
Permissible voltage fluctuations	+/-10%
Degree of protection	IP65, IP67, With plug socket, To IEC 60529

Datasheet

Electrical data 5/3-way valve

Valve function	5/3-way, pressurised, 5/3 exhausted, 5/3-way, closed
Characteristic coil data	See solenoid coil, to be ordered separately
Switching time on	5 ... 14 ms
Switching time off	9 ... 58 ms
Switching time reversal	7 ... 26 ms

Electrical data 3/2 or 5/2-...-FN switchable, single solenoid

Valve function	5/2-way or 3/2-way, convertible
Electrical connection	Type A, To EN 175301-803
Characteristic coil data	230 V AC: 50/60 Hz, pick-up power 6.2 VA, holding power 3.7 VA, 24 V DC: 0.7 W, See solenoid coil, to be ordered separately
Duty cycle	100%
Switching time on	16 ... 35 ms
Switching time off	92 ... 120 ms
Permissible voltage fluctuations	+/-10%

Electrical data 5/2-...-FN double solenoid

Valve function	5/2-way, double solenoid
Electrical connection	Type A, To EN 175301-803
Characteristic coil data	See solenoid coil, to be ordered separately
Switching time reversal	20 ms
Permissible voltage fluctuations	+/-10%

Electrical data 5/3-...-FN

Valve function	5/3-way, pressurised, 5/3 exhausted, 5/3-way, closed
Characteristic coil data	See solenoid coil, to be ordered separately
Switching time on	23 ms
Switching time off	103 ms
Switching time reversal	55 ms

Electrical data 3/2- or 5/2-way valve, VSNC-FT...-FN, reversible, single solenoid

Valve function	5/2-way or 3/2-way, convertible
Electrical connection	Type A, To EN 175301-803
Characteristic coil data	24 V DC: 0.7 W, See solenoid coil, to be ordered separately
Switching time on	16 ms
Switching time off	120 ms
Permissible voltage fluctuations	+/-10%

Electrical data 5/2-way valve VSNC-FT...-FN, double solenoid

Valve function	5/2-way, double solenoid
Electrical connection	Type A, To EN 175301-803
Characteristic coil data	24 V DC: 0.7 W, See solenoid coil, to be ordered separately
Switching time reversal	16 ms
Permissible voltage fluctuations	+/-10%

Electrical data 3/2- or 5/2-way valve, VSNC-FT...-P2, reversible, single solenoid

Valve function	5/2-way or 3/2-way, convertible
Characteristic coil data	See solenoid coil, to be ordered separately
Switching time on	4 ms
Switching time off	6 ms

Datasheet

Electrical data 5/2-way valve VSNC-FT...-P2, double solenoid

Valve function	5/2-way, double solenoid
Characteristic coil data	See solenoid coil, to be ordered separately
Switching time reversal	2 ms

Electrical data 5/3-way valve VSNC-FT...-P2

Valve function	5/3-way, pressurised	5/3 exhausted	5/3-way, closed
Characteristic coil data	See solenoid coil, to be ordered separately		
Switching time reversal	7 ms	16 ms	9 ms

Electrical data 3/2- or 5/2-way valve VSNC-FTC...-F19/F19A, reversible

Valve function	5/2-way or 3/2-way, convertible
Characteristic coil data	See solenoid coil, to be ordered separately
Switching time on	25 ... 435 ms
Switching time off	65 ... 380 ms

Electrical data 5/2-way valve VSNC-FT...-F19/F19A, double solenoid

Valve function	5/2-way, double solenoid
Characteristic coil data	See solenoid coil, to be ordered separately
Switching time reversal	20 ... 435 ms

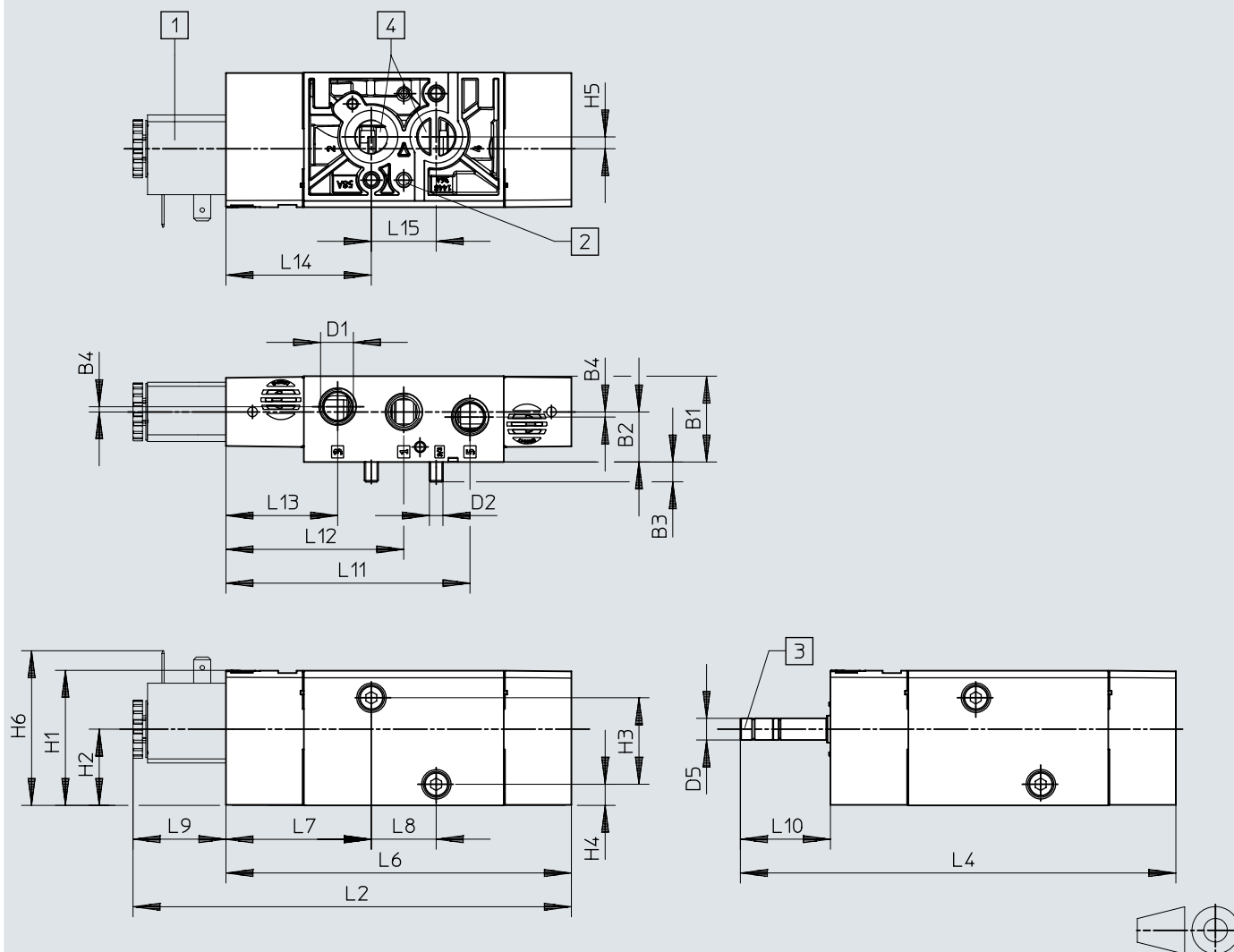
Electrical data 5/3-way valve VSNC-F...-F19/F19A

Valve function	5/3-way, pressurised	5/3 exhausted	5/3-way, closed
Characteristic coil data	See solenoid coil, to be ordered separately		
Switching time reversal	60 ... 435 ms	60 ... 400 ms	60 ... 435 ms

Dimensions

Dimensions – 3/-2 or 5/2-way valve ...-F8, reversible, single solenoid

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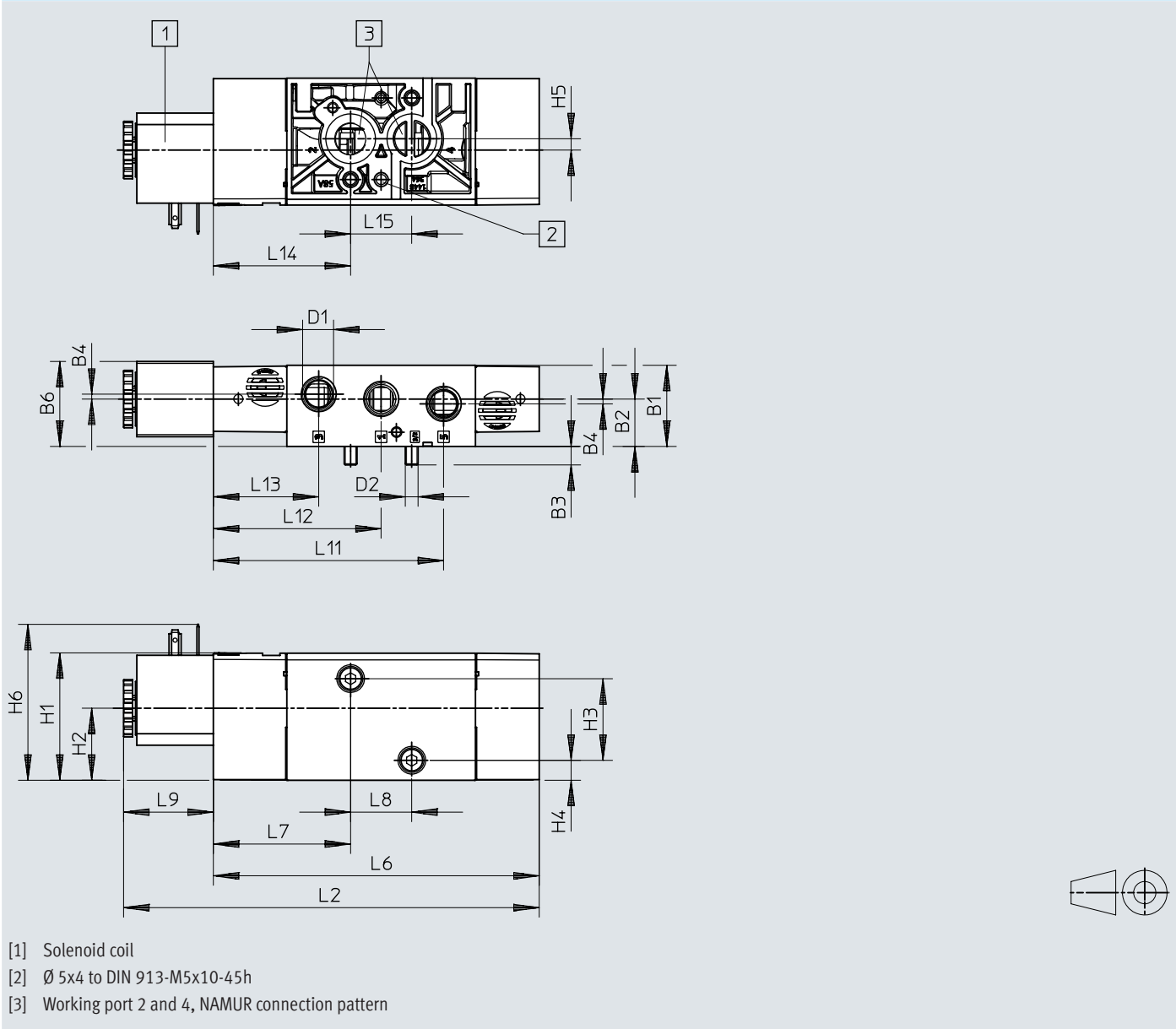
- [1] Solenoid coil
- [2] Ø 5x4 (for threaded pin DIN 913-M5x10-45H)
- [3] Suction of auxiliary pilot air 82, M5
- [4] Suction of auxiliary pilot air 84, M5

	B1	B2	B3	B4	D1	D2	H1	H2	H3	H4	H5	H6
VSNC-FC-M52-MD-G14-F8	31,8	18,6	7,3	1,9	G 1/4	M5	49,9	28,2	32	7,8	4,4	-
VSNC-FC-M52-MD-N14-F8					1/4 NPT							
VSNC-FC-M52-MD-G14-F8-1B2					G 1/4							57,2

	L2	L4	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
VSNC-FC-M52-MD-G14-F8	162,2	161,1	127,8	53,8	24	34,4	33,3	90,3	65,8	41,3	53,8	24
VSNC-FC-M52-MD-N14-F8												
VSNC-FC-M52-MD-G14-F8-1B2												

Dimensions

Dimensions – 3/2- or 5/2-way valve ...-F8-1A1, reversible, single solenoid Download CAD data www.festo.com



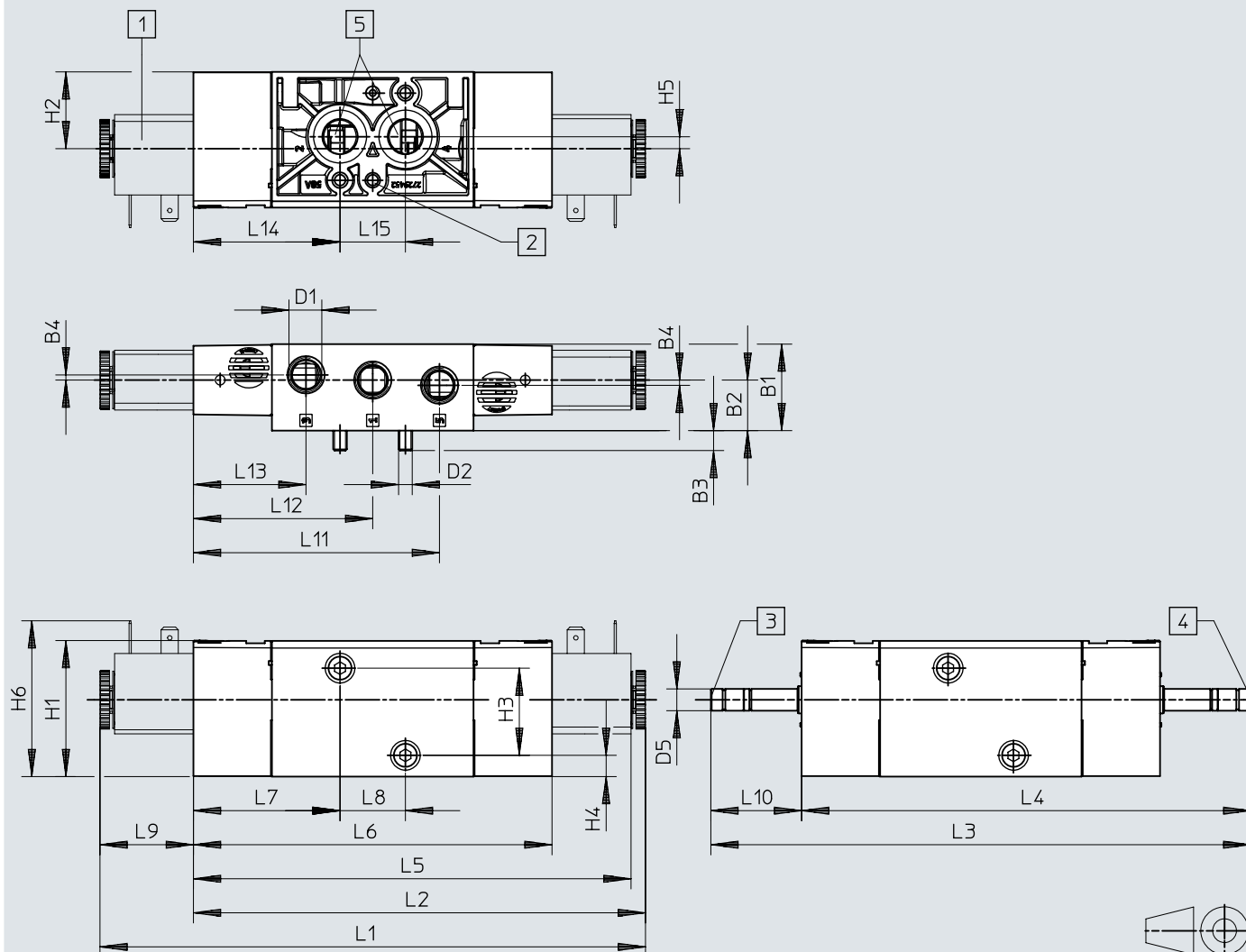
	B1	B2	B3	B4	B6	D1	D2	H1	H2	H3	H4	H5
VSNC-FC-M52-MD-G14-F8-1A1	31,8	18,6	7,3	1,9	33,3	G 1/4	M5	49,9	28,2	32	7,8	4,4

	H6	L2	L6	L7	L8	L9	L11	L12	L13	L14	L15
VSNC-FC-M52-MD-G14-F8-1A1	61,1	163	127,8	53,8	24	35,2	90,3	65,8	41,3	53,8	24

Dimensions

Dimensions – 5/2-way valve ...-F8, double solenoid

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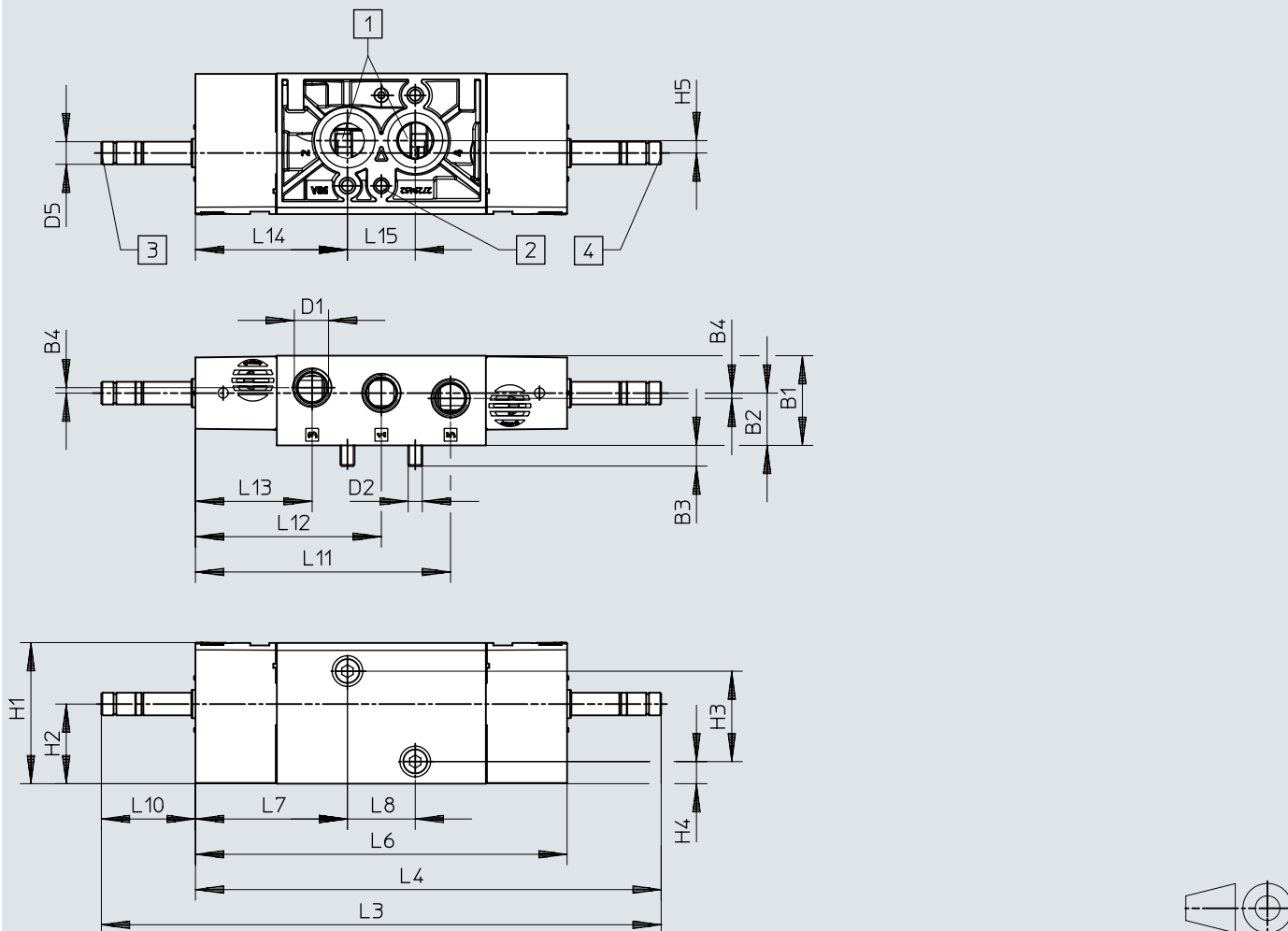
- [1] Solenoid coil
- [2] Ø 5.5x4 (for threaded pin DIN 913-M5x10-45H)
- [3] Suction of auxiliary pilot air 82, M5
- [4] Suction of auxiliary pilot air 84, M5
- [5] Working port 2 and 4, NAMUR connection pattern

	B1	B2	B3	B4	D1	D2	H1	H2	H3	H4	H5	H6	L1
VSNC-F-B52-D-G14-F8	31,8	18,6	7,3	1,9	G 1/4	M5	49,9	28,2	32	7,8	4,4	–	–
VSNC-F-B52-D-N14-F8					1/4 NPT								
VSNC-F-B52-D-G14-F8-1B2					G 1/4							57,2	200,3

	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
VSNC-F-B52-D-G14-F8	–	198,2	164,9	–	131,6	53,8	24	–	33,3	90,3	65,8	41,3	53,8	24
VSNC-F-B52-D-N14-F8														
VSNC-F-B52-D-G14-F8-1B2														

Dimensions

Dimensions – 5/3-way valve ...-F8

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- [1] Ø 5.5x4 (for threaded pin DIN 913-M5x10-45H)
 [2] Suction of auxiliary pilot air 82, M5
 [3] Suction of auxiliary pilot air 84, M5
 [4] Working port 2 and 4, NAMUR connection pattern

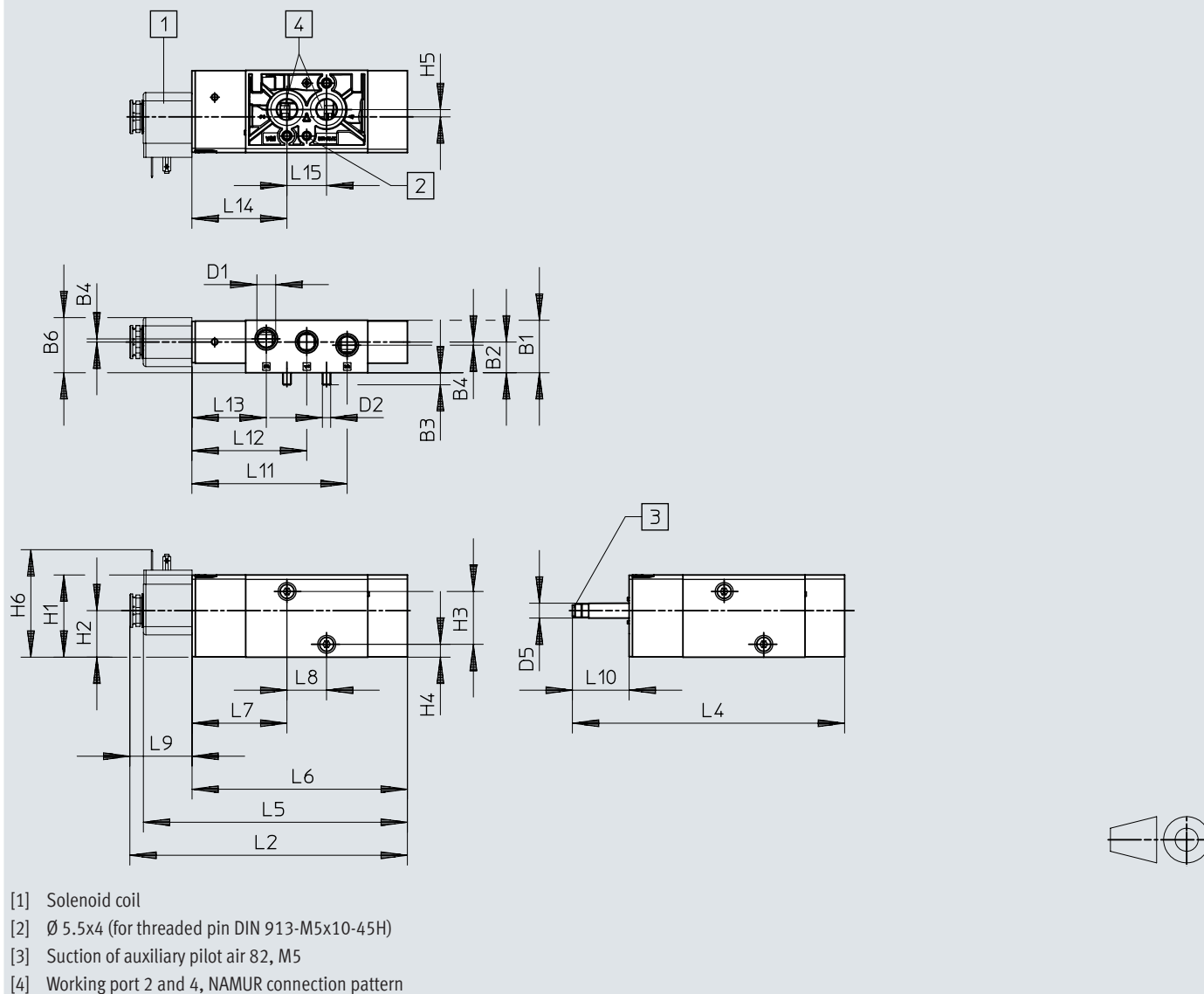
	B1	B2	B3	B4	D1	D2	H1	H2	H3	H4	H5
VSNC-F-P53C-MD-G14-F8	31,8	18,6	7,3	1,9	G 1/4	M5	49,9	28,2	32	7,8	4,4
VSNC-F-P53U-MD-G14-F8					1/4 NPT						
VSNC-F-P53E-MD-G14-F8											
VSNC-F-P53C-MD-N14-F8											
VSNC-F-P53U-MD-N14-F8											
VSNC-F-P53E-MD-N14-F8											

	L3	L4	L6	L7	L8	L10	L11	L12	L13	L14	L15
VSNC-F-P53C-MD-G14-F8	198,2	164,9	131,6	53,8	24	33,3	90,3	65,8	41,3	53,8	24
VSNC-F-P53U-MD-G14-F8											
VSNC-F-P53E-MD-G14-F8											
VSNC-F-P53C-MD-N14-F8											
VSNC-F-P53U-MD-N14-F8											
VSNC-F-P53E-MD-N14-F8											

Dimensions

Dimensions – 3/2- or 5/2-way valve VSNC-F...-FN, convertible, single solenoid

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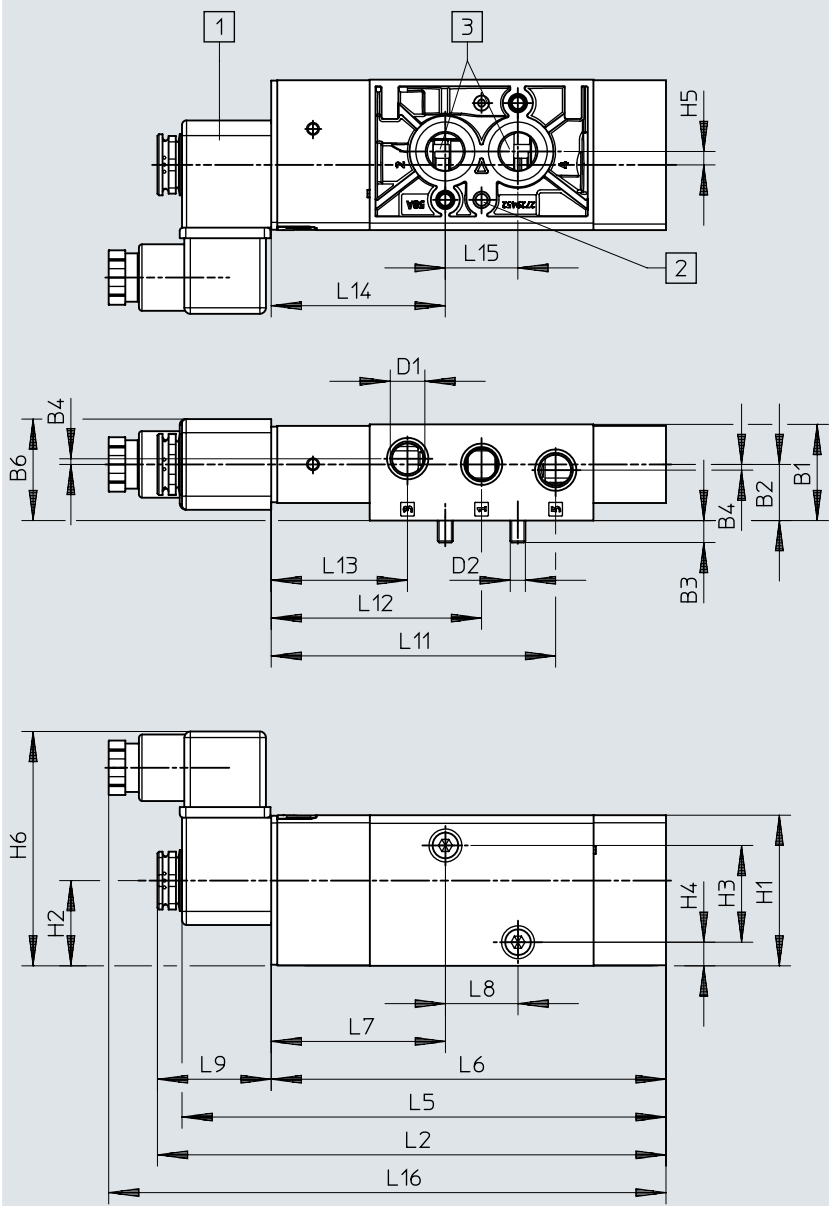
	B1	B2	B3	B4	B6	D1	D2	D5 Ø	H1	H2	H3	H4	H5	H6
VSNC-FC-M52-MD-G14-FN	31,8	18,6	7,3	1,9	33,4	G 1/4	M5	9	49,8	28,2	32	7,8	4,4	–
VSNC-FC-M52-MD-G14-FN-1A1-Ex4-A						65,1								
VSNC-FC-M52-MD-N14-FN						–								
VSNC-FC-M52-MD-N14-FN-1A1-Ex4-A						65,1								

	L2	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
VSNC-FC-M52-MD-G14-FN	–	165	–	130,6	57,6	24	–	34,4	94,1	69,6	45,1	57,6	24
VSNC-FC-M52-MD-G14-FN-1A1-Ex4-A	168,3		160,1				37,7						
VSNC-FC-M52-MD-N14-FN	–		–				–						
VSNC-FC-M52-MD-N14-FN-1A1-Ex4-A	168,3		160,1				37,7						

Dimensions

Dimensions – 3/2 or 5/2-way valve VSNC-F...-FN-...+G convertible, single solenoid

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- [1] Connector socket M16
- [2] Ø 5x4 to DIN 913-M5x10-45h
- [3] Working port 2 and 4, NAMUR connection pattern

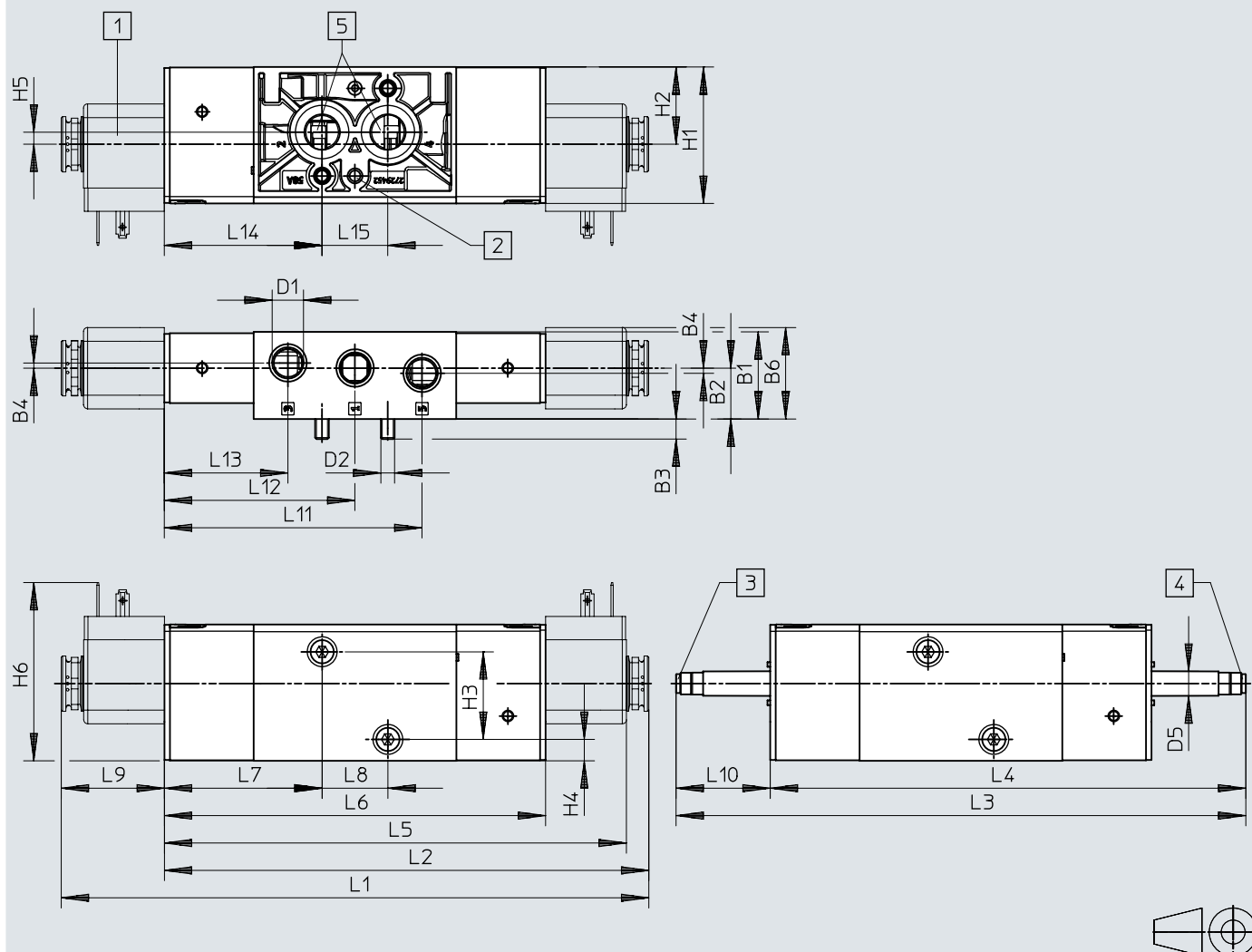
	B1	B2	B3	B4	B6	D1	D2	H1	H2	H3	H4	H5	H6
VSNC-FC-M52-MD-G14-FN- ... +G	31,8	18,6	7,3	1,9	33,3	G 1/4	M5	49,8	28,2	32	7,8	4,4	77,5

	L2	L5	L6	L7	L8	L9	L11	L12	L13	L14	L15	L16
VSNC-FC-M52-MD-G14-FN- ... +G	168,3	160,1	130,6	57,6	24	37,7	94,1	69,6	45,1	57,6	24	184,4

Dimensions

Dimensions – 5/2-way valve VSNC-F...-FN double solenoid

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- [1] Solenoid coil
- [2] Ø 5x4 to DIN 913-M5x10-45h
- [3] Suction of auxiliary pilot air 82, M5
- [4] Suction of auxiliary pilot air 82, M5
- [5] Working port 2 and 4, NAMUR connection pattern

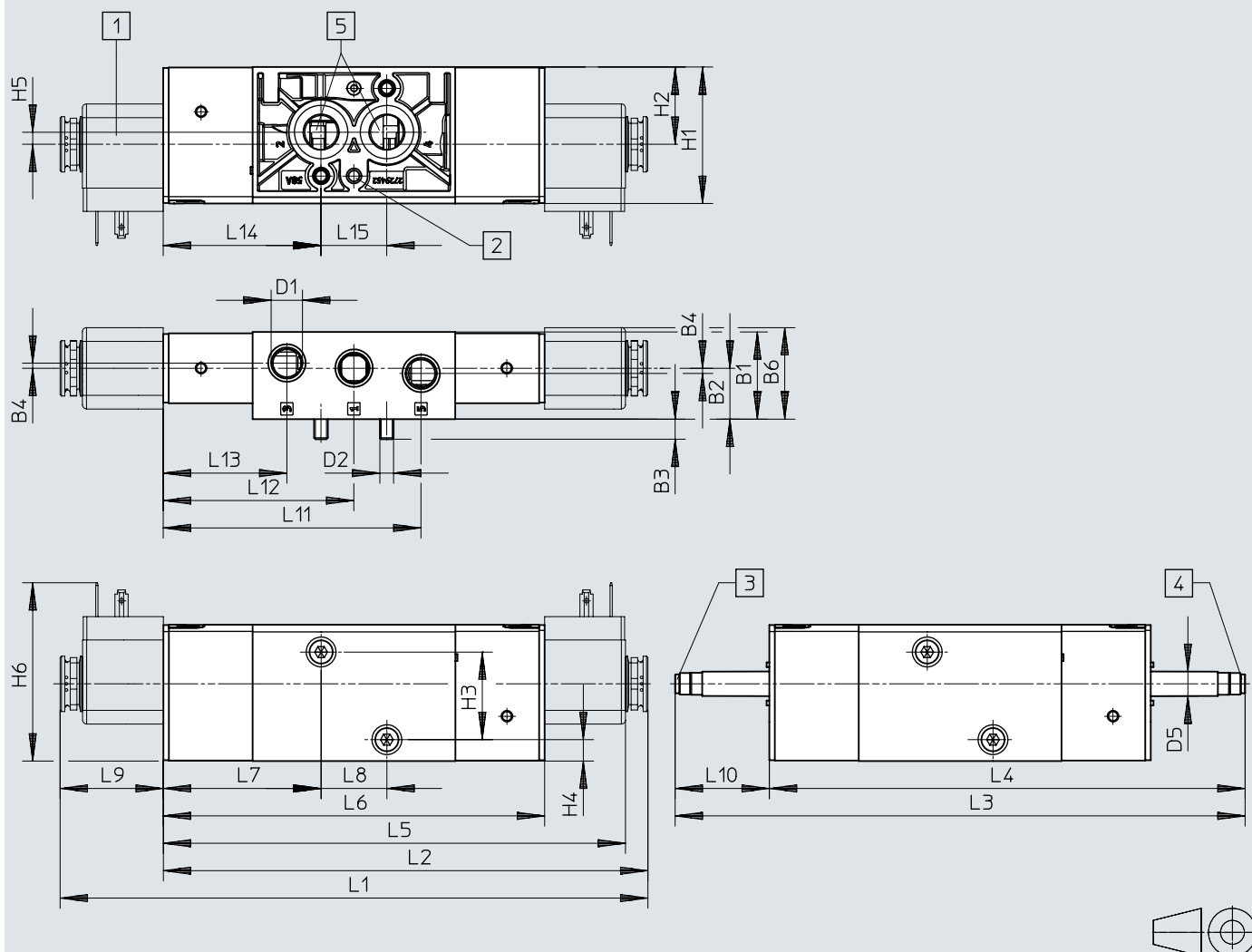
	B1	B2	B3	B4	B6	D1	D2	D5 Ø	H1	H2	H3	H4	H5	H6
VSNC-F-B52-D-G14-FN	31,8	18,6	7,3	1,9	33,4	G 1/4	M5	9	49,8	28,2	32	7,8	4,4	–
VSNC-F-B52-D-G14-FN-1A1-Ex4-A						1/4 NPT								65,1
VSNC-F-B52-D-N14-FN														–
VSNC-F-B52-D-N14-FN-1A1-Ex4-A														65,1

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
VSNC-F-B52-D-G14-FN	–	–	208	173,6	–	139,2	57,6	24	–	34,4	94,1	69,6	45,1	57,6	24
VSNC-F-B52-D-G14-FN-1A1-Ex4-A	214,5	176,9			168,7				37,7						
VSNC-F-B52-D-N14-FN	–	–			–				–						
VSNC-F-B52-D-N14-FN-1A1-Ex4-A	214,5	176,9			168,7				37,7						

Dimensions

Dimensions – 5/3-way valve VSNC-F...-FN

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- [1] Solenoid coil
- [2] Ø 5.5x4 (for threaded pin DIN 913-M5x10-45H)
- [3] Suction of auxiliary pilot air 82, M5
- [4] Suction of auxiliary pilot air 82, M5
- [5] Working port 2 and 4, NAMUR connection pattern

Dimensions

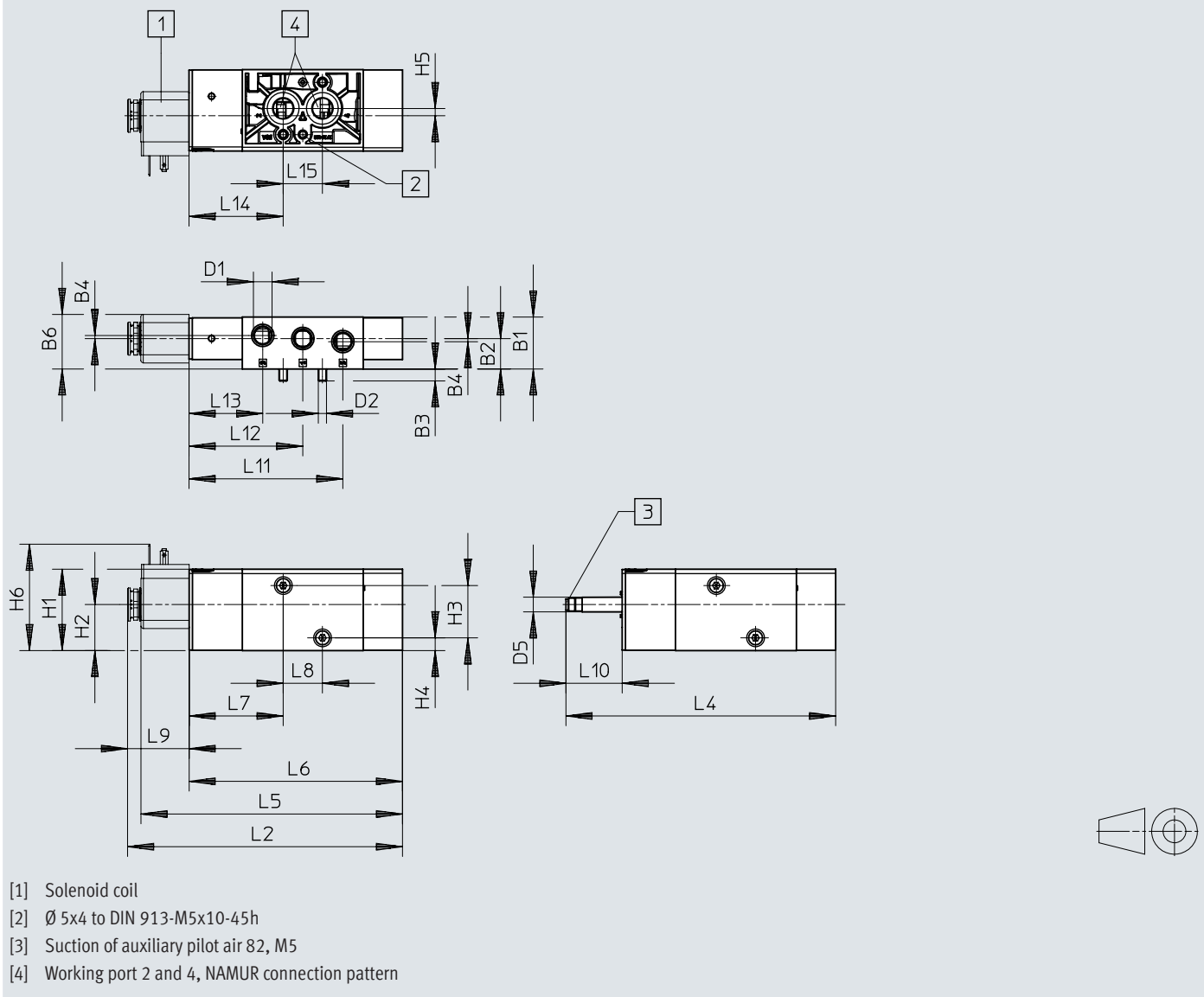
	B1	B2	B3	B4	B6	D1	D2	D5 ø	H1	H2	H3	H4	H5	H6
VSNC-F-P53C-MD-G14-FN	31,8	18,6	7,3	1,9	33,4	G 1/4	M5	9	49,8	28,2	32	7,8	4,4	–
VSNC-F-P53U-MD-G14-FN						1/4 NPT								
VSNC-F-P53E-MD-G14-FN														
VSNC-F-P53C-MD-N14-FN														
VSNC-F-P53U-MD-N14-FN														
VSNC-F-P53E-MD-N14-FN														

	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
VSNC-F-P53C-MD-G14-FN	–	–	208	173,6	–	139,2	57,6	24	–	34,4	94,1	69,6	45,1	57,6	24
VSNC-F-P53U-MD-G14-FN															
VSNC-F-P53E-MD-G14-FN															
VSNC-F-P53C-MD-N14-FN															
VSNC-F-P53U-MD-N14-FN															
VSNC-F-P53E-MD-N14-FN															

Dimensions

Dimensions – 3/2- or 5/2-way valve VSNC-FT...-FN, reversible, single-sole-
noid

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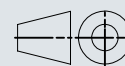
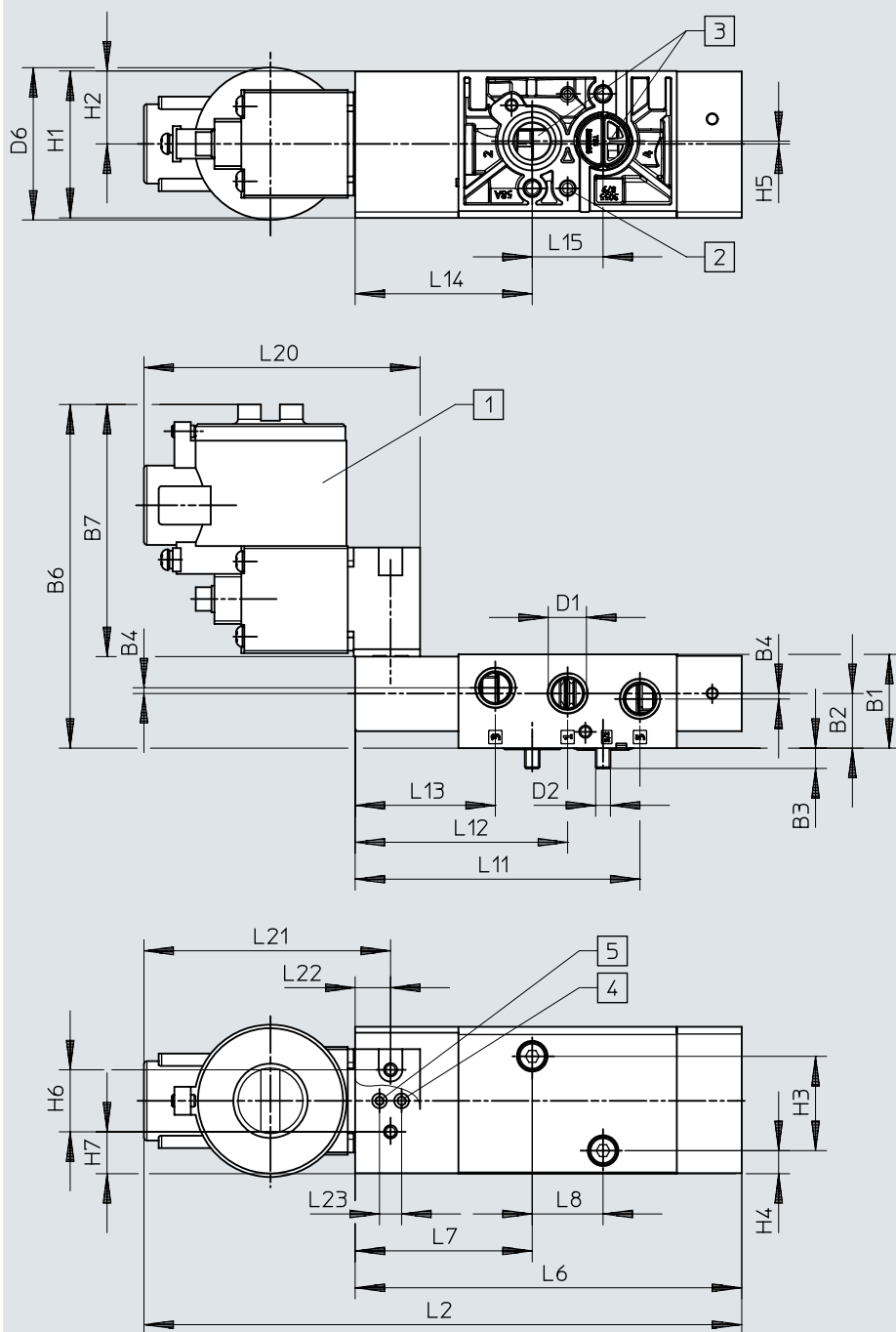
	B1	B2	B3	B4	B6	D1	D2	D5 Ø	H1	H2	H3	H4	H5	H6
VSNC-FTC-M52-MD-G14-FN	31,8	18,6	7,3	1,9	33,4	G 1/4	M5	9	49,8	28,2	32	7,8	4,4	–
VSNC-FTC-M52-MD-G14-FN-1A1						1/4 NPT								
VSNC-FTC-M52-MD-N14-FN-1A1														

	L2	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
VSNC-FTC-M52-MD-G14-FN	–	165	–	130,6	57,6	24	–	34,4	94,1	69,6	45,1	57,6	24
VSNC-FTC-M52-MD-G14-FN-1A1			–				–						
VSNC-FTC-M52-MD-N14-FN-1A1			160,1				37,7						

Dimensions

Dimensions – 3/2- or 5/2-way valve VSNC-FT...-P2, convertible, single solenoid

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- [1] Solenoid coil
- [2] Ø 5.5x4 (for threaded pin DIN 913-M5x10-45H)
- [3] Working port 2 and 4, NAMUR connection pattern
- [4] Pilot air from the valve (CNOMO connection to ISO 15218)
- [5] Pilot air into the valve (CNOMO connection to ISO 15218)

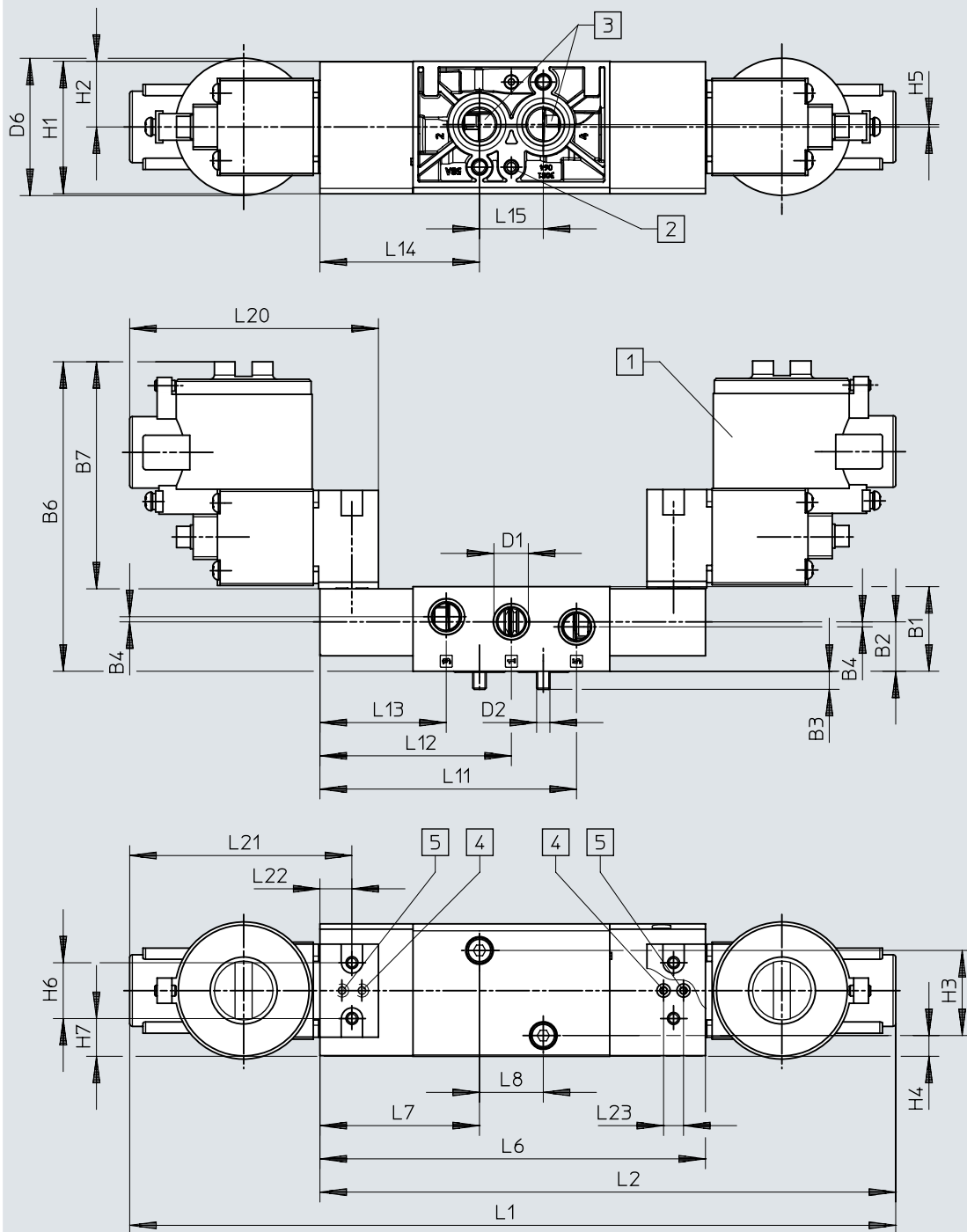
Dimensions

	B1	B2	B3	B4	D1	D2	H1	H2	H3	H4	H5	H6	H7
VSNC-FTC-M52-M-G14-P2	31,8	~18,6	~6,9	1,9	G 1/4	M5	49,8	24,7	32	7,8	0,9	21	14,2
VSNC-FTC-M52-M-N14-P2					1/4 NPT								
	L6	L7	L8	L11	L12	L13	L14	L15	L22	L23			
VSNC-FTC-M52-M-G14-P2	131	60	24	96,5	72	47,5	60	24	22	7,5			
VSNC-FTC-M52-M-N14-P2													
	CNOMO		B6	B7	D6 Ø		L2	L20		L21			
VSNC-FTC-M52-M-G14-P2	MGXIAH-...		101,3	70,3	—		199	93		80			
VSNC-FTC-M52-M-N14-P2	MGXDH-...		116,4	85,4	51,6		202,6	93,6		83,6			

Dimensions

Dimensions – 5/2-way valve VSNC-FT...-P2, double solenoid

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- [1] Solenoid coil
- [2] Ø 5.5x4 (for threaded pin DIN 913-M5x10-45H)
- [3] Working port 2 and 4, NAMUR connection pattern
- [4] Pilot air from the valve (CNOMO connection to ISO 15218)
- [5] Pilot air into the valve (CNOMO connection to ISO 15218)

Dimensions

	B1	B2	B3	B4	D1	D2	H1	H2	H3	H4	H5	H6	H7
VSNC-FT-B52-G14-P2	31,8	~18,6	~6,9	1,9	G 1/4	M5	49,8	24,7	32	7,8	0,9	21	14,2
VSNC-FT-B52-N14-P2					1/4 NPT								

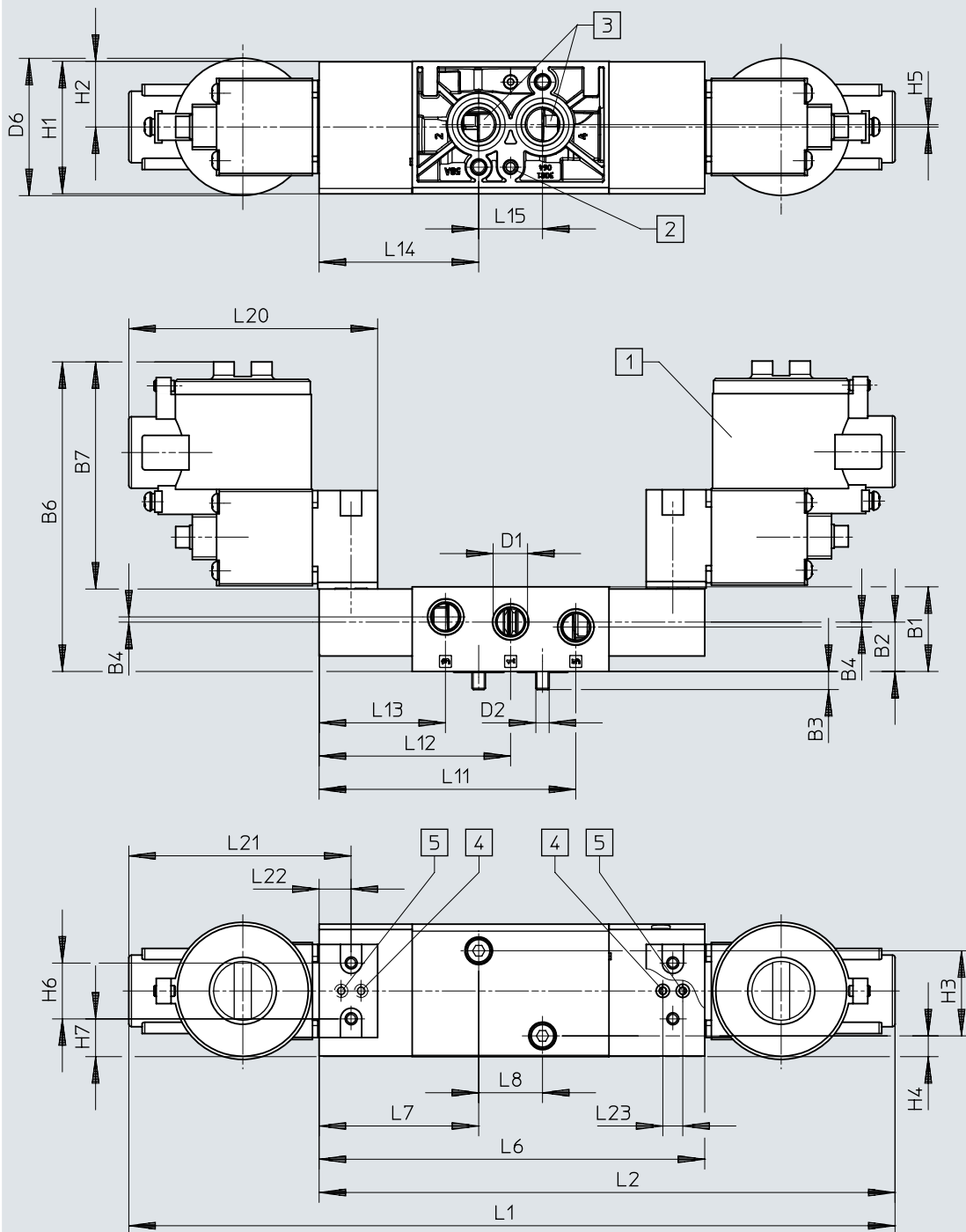
	L6	L7	L8	L11	L12	L13	L14	L15	L22	L23
VSNC-FT-B52-G14-P2	145	60	24	96,5	72	47,5	60	24	22	7,5
VSNC-FT-B52-N14-P2										

	CNOMO	B6	B7	D6 Ø	L2	L20	L21
VSNC-FT-B52-G14-P2	MGXIAH-...	101,3	70,3	–	199	93	80
VSNC-FT-B52-N14-P2	MGXDH-...	116,4	85,4	51,6	202,6	93,6	83,6

Dimensions

Dimensions – 5/3-way valve VSNC-F....-P2

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- [1] Solenoid coil
- [2] Ø 5.5x4 (for threaded pin DIN 913-M5x10-45H)
- [3] Working port 2 and 4, NAMUR connection pattern
- [4] Pilot air from the valve (CNOMO connection to ISO 15218)
- [5] Pilot air into the valve (CNOMO connection to ISO 15218)

Dimensions

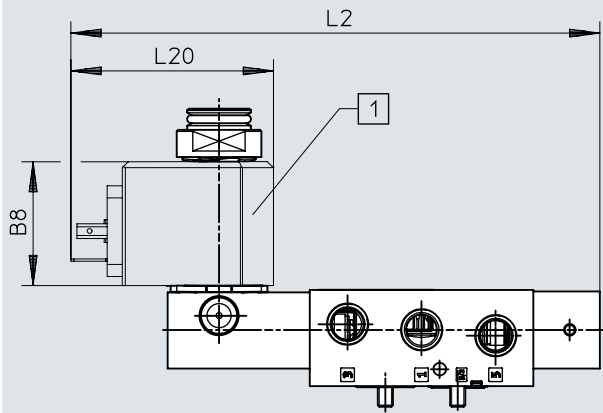
	B1	B2	B3	B4	D1	D2	H1	H2	H3	H4	H5	H6	H7
VSNC-F-P53C-M-G14-P2	31,8	~18,6	~6,9	1,9	G 1/4	M5	49,8	24,7	32	7,8	0,9	21	14,2
VSNC-F-P53U-M-G14-P2													
VSNC-F-P53E-M-G14-P2													
VSNC-F-P53C-M-N14-P2													
VSNC-F-P53U-M-N14-P2													
VSNC-F-P53E-M-N14-P2					1/4 NPT								

	L6	L7	L8	L11	L12	L13	L14	L15	L22	L23
VSNC-F-P53C-M-G14-P2	145	60	24	96,5	72	47,5	60	24	22	7,5
VSNC-F-P53U-M-G14-P2										
VSNC-F-P53E-M-G14-P2										
VSNC-F-P53C-M-N14-P2										
VSNC-F-P53U-M-N14-P2										
VSNC-F-P53E-M-N14-P2										

	CNOMO	B6	B7	D6 Ø	L1	L2	L20	L21
VSNC-F-P53...	MGXIAH-...	101,3	70,3	–	281	213	93	80
VSNC-F-P53...	MGXDH-...	116,4	85,4	51,6	288,2	216,6	93,6	83,6

Dimensions

Dimensions – 3/2- or 5/2-way valve VSNC-FTC-...-F19, reversible, solenoid coil VACC-S13-18-A1-... Download CAD data www.festo.com



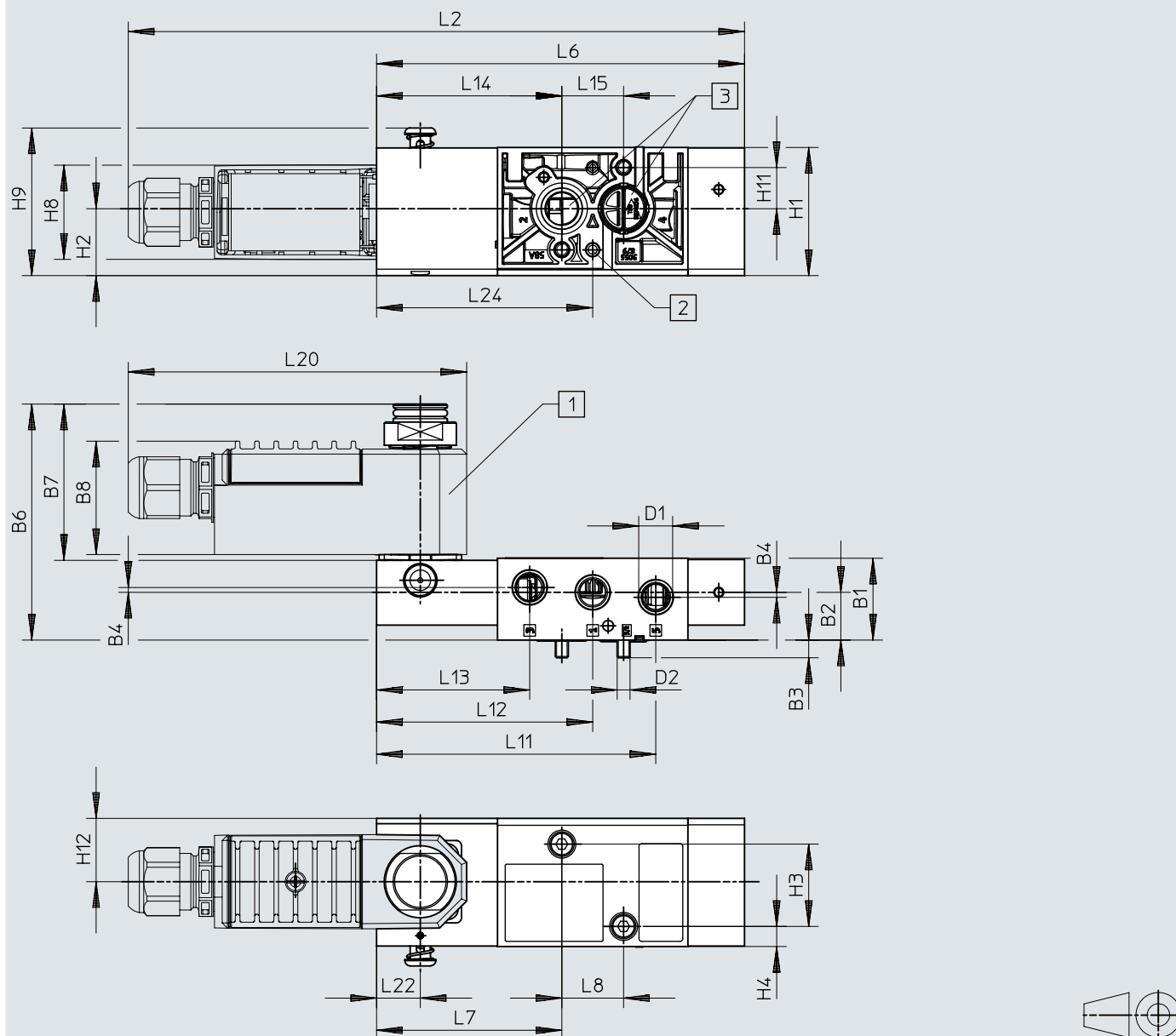
[1] Solenoid coil VACC-S13-18-A1-...

	B8	L1	L20
VSNC-FTC-M52-MH-G14-F19	44,1	234	126
VSNC-FTC-M52-MH-N14-F19			
VSNC-FTC-M52-M-G14-F19			
VSNC-FTC-M52-M-N14-F19			

Dimensions

Dimensions – 3/2- or 5/2-way valve VSNC-FTC-...-F19A, reversible

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- [1] Solenoid coil VACCS13-11-K4-1-...A
 [2] Drilled hole 5.5 mm Ø for threaded pin to DIN 913-M5x10-45H)
 [3] Working port 2 and 4, NAMUR connection pattern

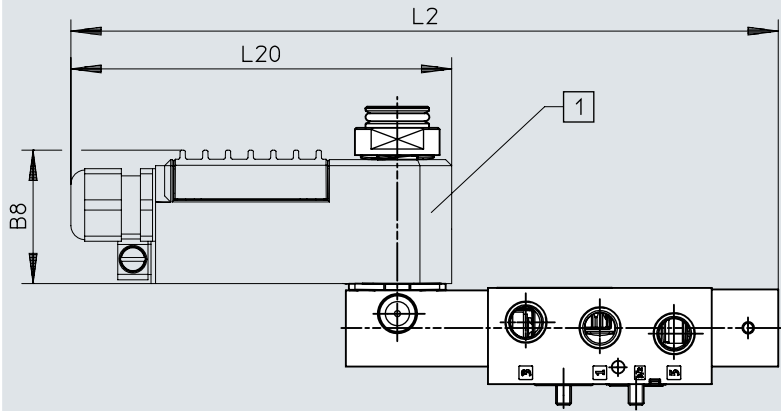
	B1	B2	B3	B4	B6	B7	B8	D1	D2	H1	H2	H3	H4	H8
VSNC-FTC-M52-MH-G14-F19A	31,8	18,6	6,9	1,9	91,8	60,8	44,1	G1/4	M5	49,8	26	32	7,8	36,8
VSNC-FTC-M52-MH-N14-F19A								NPT1/4						
VSNC-FTC-M52-M-G14-F19A								G1/4						
VSNC-FTC-M52-M-N14-F19A								NPT1/4						

	H9	H11	H12	L2	L6	L7	L8	L11	L12	L13	L14	L15	L20	L22	L24
VSNC-FTC-M52-MH-G14-F19A	57,4	16	24,6	239,5	143	72	24	108,5	84	59,5	72	24	131,5	17	84
VSNC-FTC-M52-MH-N14-F19A															
VSNC-FTC-M52-M-G14-F19A															
VSNC-FTC-M52-M-N14-F19A															

Dimensions

Dimensions – 3/2 or 5/2-way valve VSNC-FTC-...-F19, reversible, solenoid coil
VACC-S13-18-K4-...-...ME

Download CAD data www.festo.com

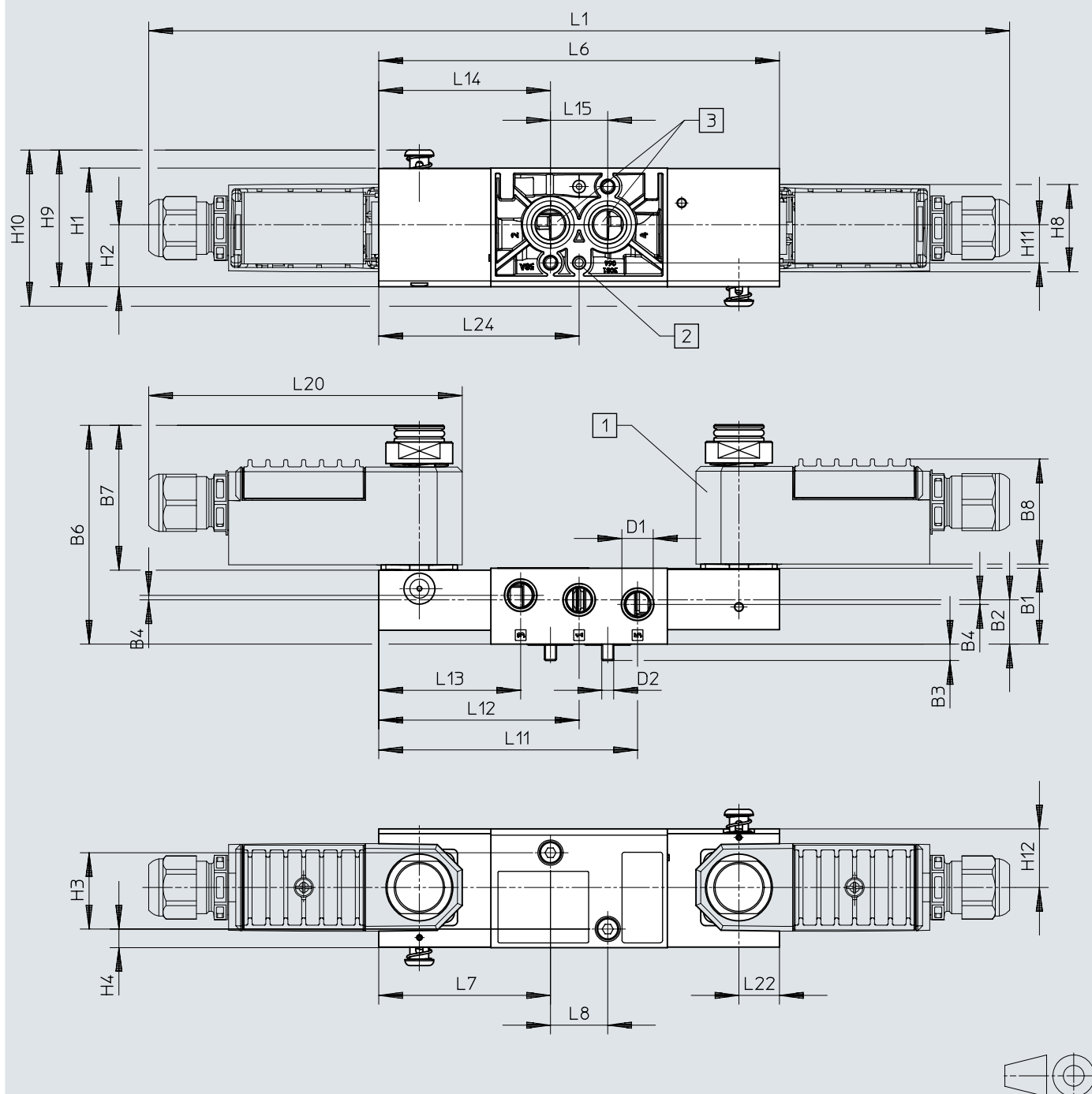


[1] Solenoid coil VACC-S13-18-K4-...-...ME

	B8	L1	L20
VSNC-FTC-M52-MH-G14-F19	41,2	175	67
VSNC-FTC-M52-MH-N14-F19			
VSNC-FTC-M52-M-G14-F19			
VSNC-FTC-M52-M-N14-F19			

Dimensions

Dimensions – 5/2-way valve VSNC-FT-...-F19A double solenoid

Download CAD data www.festo.com

[1] Solenoid coil VACC-S13-11-K4-1-...A

[2] Ø 5.5 for threaded pins

[3] Working port 2 and 4, NAMUR connection pattern

Dimensions

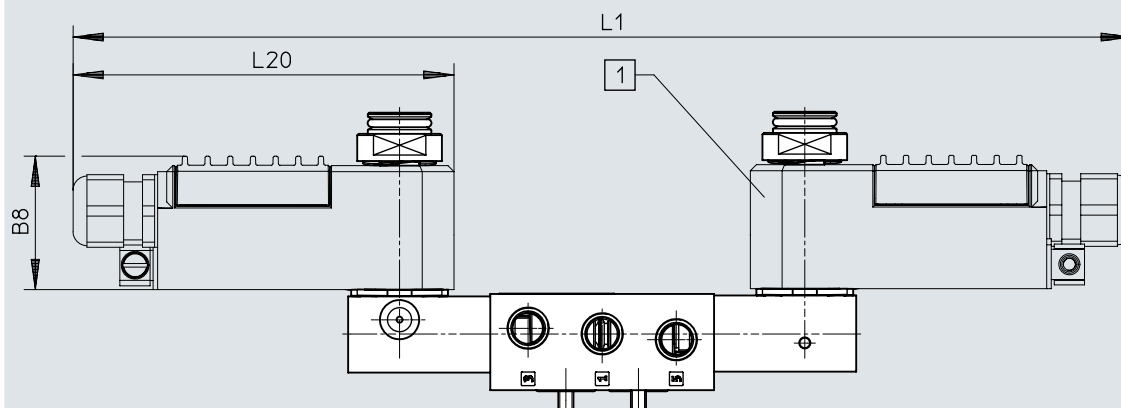
	B1	B2	B3	B4	B6	B7	B8	D1	D2	H1	H2	H3	H4	H8	H9
VSNC-FT-B52-H-G14-F19A	31,8	18,6	6,9	1,9	91,8	60,8	44,1	G1/4	M5	49,8	26	32	7,8	36,8	57,4
VSNC-FT-B52-H-N14-F19A								NPT1/4							

	H10	H11	H12	L1	L6	L7	L8	L11	L12	L13	L14	L15	L20	L22	L24
VSNC-FT-B52-H-G14-F19A	65,5	16	24,6	361	168	72	24	108,5	84	59,5	72	24	131,5	17	84
VSNC-FT-B52-H-N14-F19A															

Dimensions

Dimensions – 5/2-way valve VSNC-FT-...-F19, double solenoid

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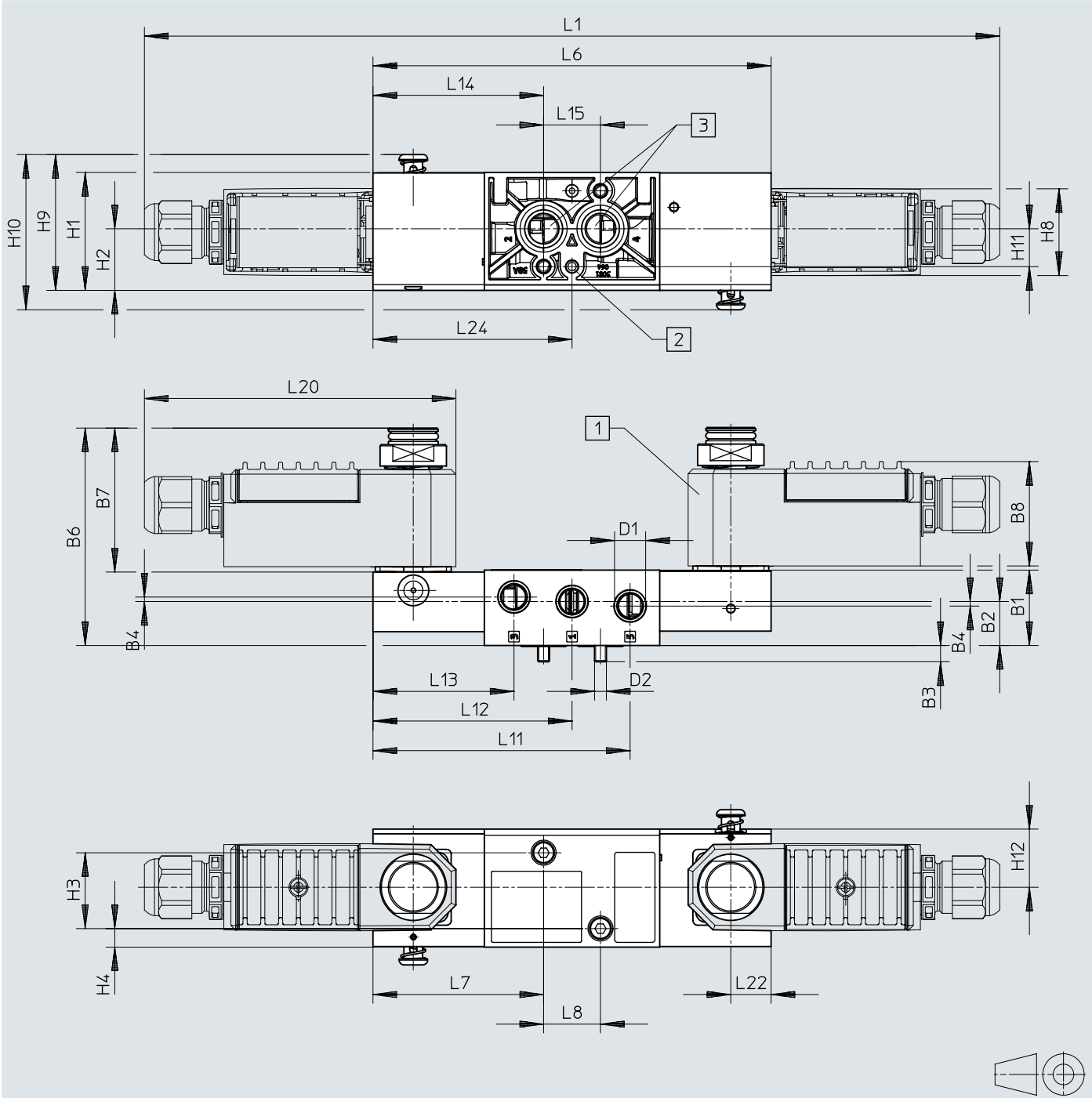


[1] Solenoid coil VACC-S13-18-K4-...-ME

	B8	L1	L20
VSNC-FT-B52-H-G14-F19...	44,1	350	126
VSNC-FT-B52-H-N14-F19...			

Dimensions

Dimensions – 5/3-way valve VSNC-F...-F19A Download CAD data www.festo.com



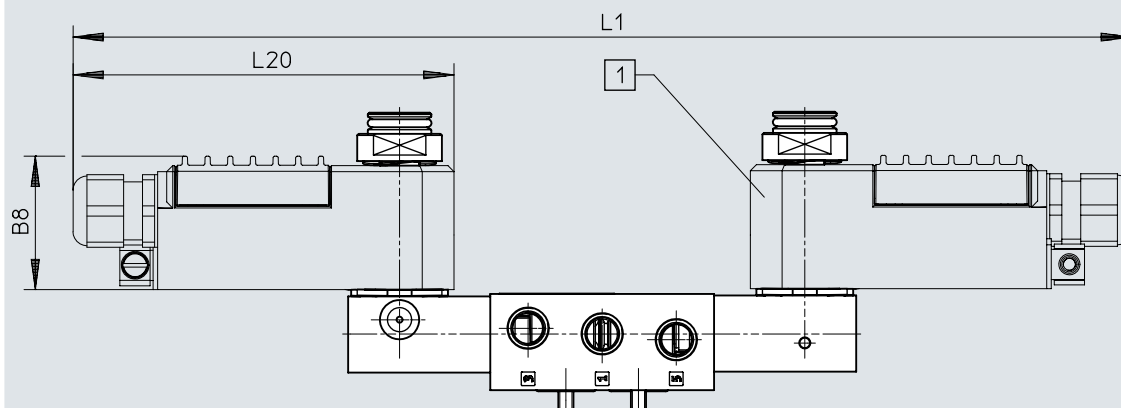
- [1] Solenoid coil VACC-S13-11-K4-1-...A
- [2] Ø 5.5 for threaded pins
- [3] Working port 2 and 4, NAMUR connection pattern

	B1	B2	B3	B4	B6	B7	B8	D1	D2	H1	H2	H3	H4	H8	H9
VSNC-FT-P53...-MH-G14-F19A	31,8	18,6	6,9	1,9	91,8	60,8	44,1	G1/4 NPT1/4	M5	49,8	26	32	7,8	36,8	57,4
VSNC-FT-P53...-MH-N14-F19A															

Dimensions

Dimensions – 5/3-way valve VSNC-F...-F19

Download CAD data www.festo.com

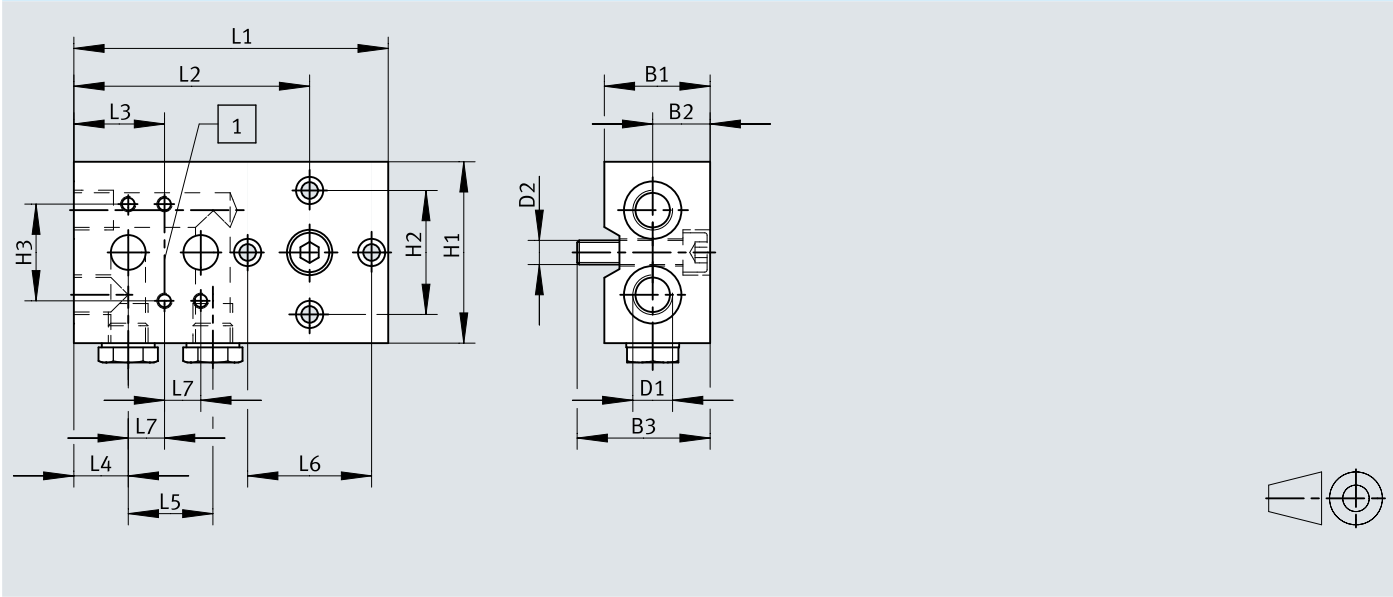


[1] Solenoid coil VACC-S13-18-K4-...-...ME

	B8	L1	L20
VSNC-FT-B52-H-G14-F19...	44,1	350	126
VSNC-FT-B52-H-N14-F19...			

Dimensions

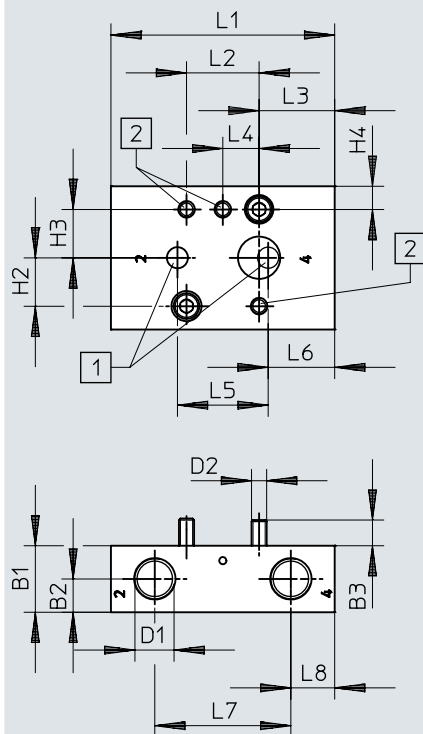
Dimensions – Sub-base Download CAD data www.festo.com



	B1	B2	B3	D1	D2	H1	H2	L1	L2	L3	L4	L5	L6
VABS-S7-S-G14	35	19	44	G1/4	M8	60	41	104	78	30	18	28	41

Dimensions

Dimensions – Connecting plate

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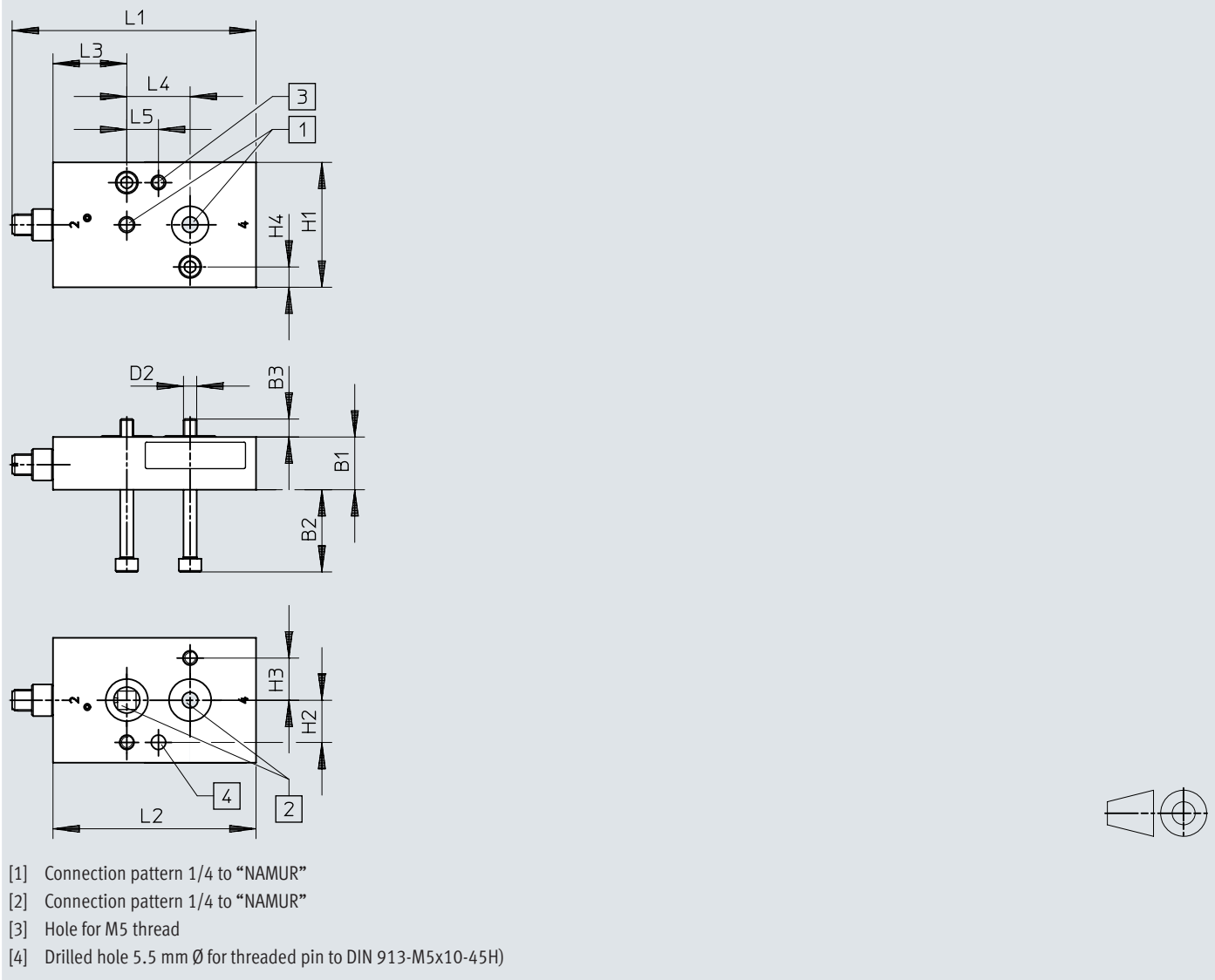
[1] Working port 2 and 4, NAMUR connection pattern

[2] Hole for M5 thread

	B1	B2	B3	D1	D2	H1	H2	H3	H4	L1	L2	L3	L4	L5	L6	L7	L8
VABS-B14-T-FG14	22	11	8,5	G1/4	M5	47,4	16	16	7,7	74	24	25	12	30	22	45	14,5
VABS-B14-T-FN14				1/4 NPT													

Dimensions

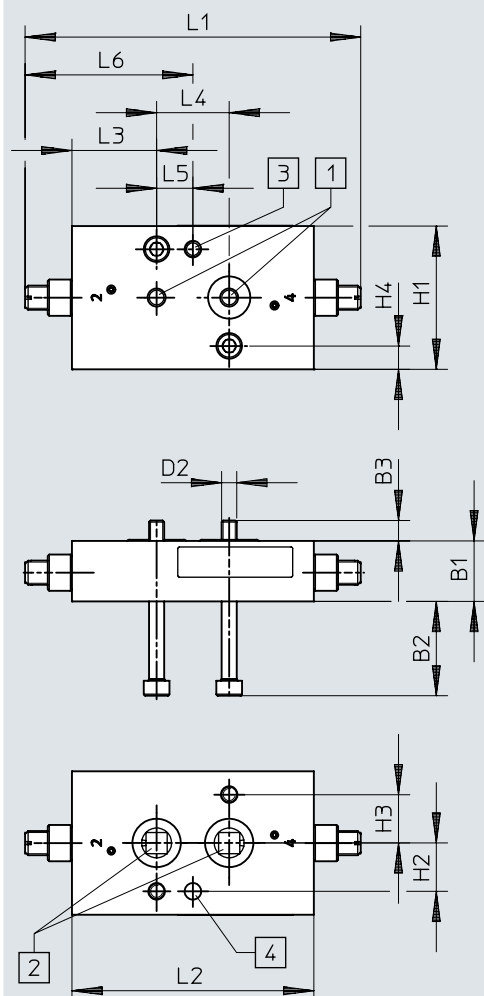
Dimensions – Throttle plate VABF-...P1 Download CAD data www.festo.com



	B1	B2	B3	D2	H1	H2	H3	H4	L1		L2	L3	L4	L5
									min.	max.				
VABF-B14-F1B1P1-FF14	20	31,2	6,8	M5	47,4	16	16	7,7	86,5	92,5	77	28	24	12

Dimensions

Dimensions – Throttle plate VABF-...P2

Download CAD data www.festo.com

- [1] Connection pattern 1/4 to "NAMUR"
 [2] Connection pattern 1/4 to "NAMUR"
 [3] Hole for M5 thread
 [4] Drilled hole 5.5 mm Ø for threaded pin to DIN 913-M5x10-45H)

	B1	B2	B3	D2	H1	H2	H3	H4	L1		L2	L3	L4	L5	L6	
									min.	max.					min.	max.
VABF-B14-F1B1P2-FF14	20	31,2	6,8	M5	47,4	16	16	7,7	99	110	80	28	24	12	49,5	55,5

Dimensions

Dimensions – Exhaust plate

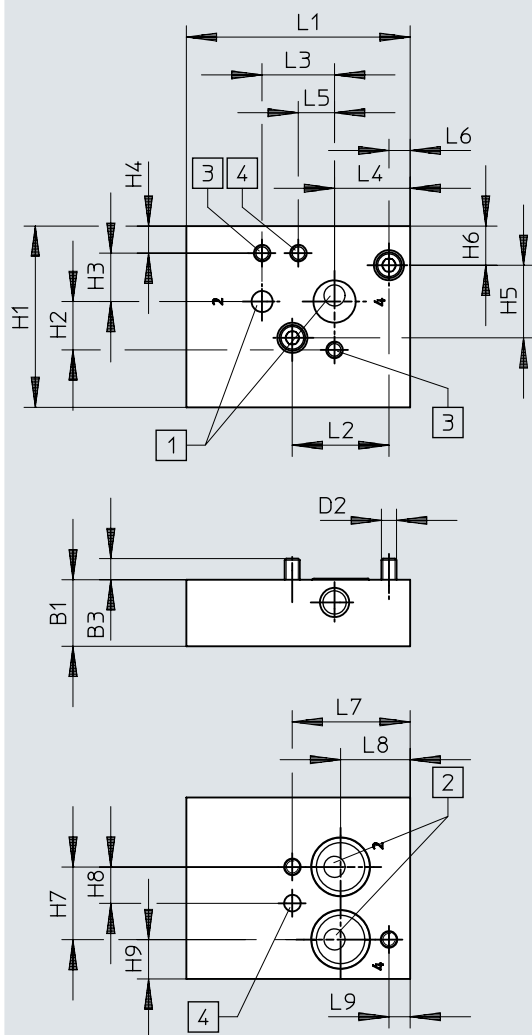
Download CAD data www.festo.com

[1] Connection pattern 1/4 to “NAMUR”
[2] Hole for thread
[3] Drilled hole 5.5 mm Ø for threaded pin to DIN 913-M5x10-45H)

	B1	B3	D1	D2	H1	H2	H3	H4	L1	L5	L6	L7	L8
VABF-B14-M3-G14	29	7	G1/4	M5	50	16	16	9	82,8	24	25	36	13
VABF-B14-M3-N14			1/4 NPT										

Dimensions

Dimensions – Mounting plate VABS-B14-90-FF14

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


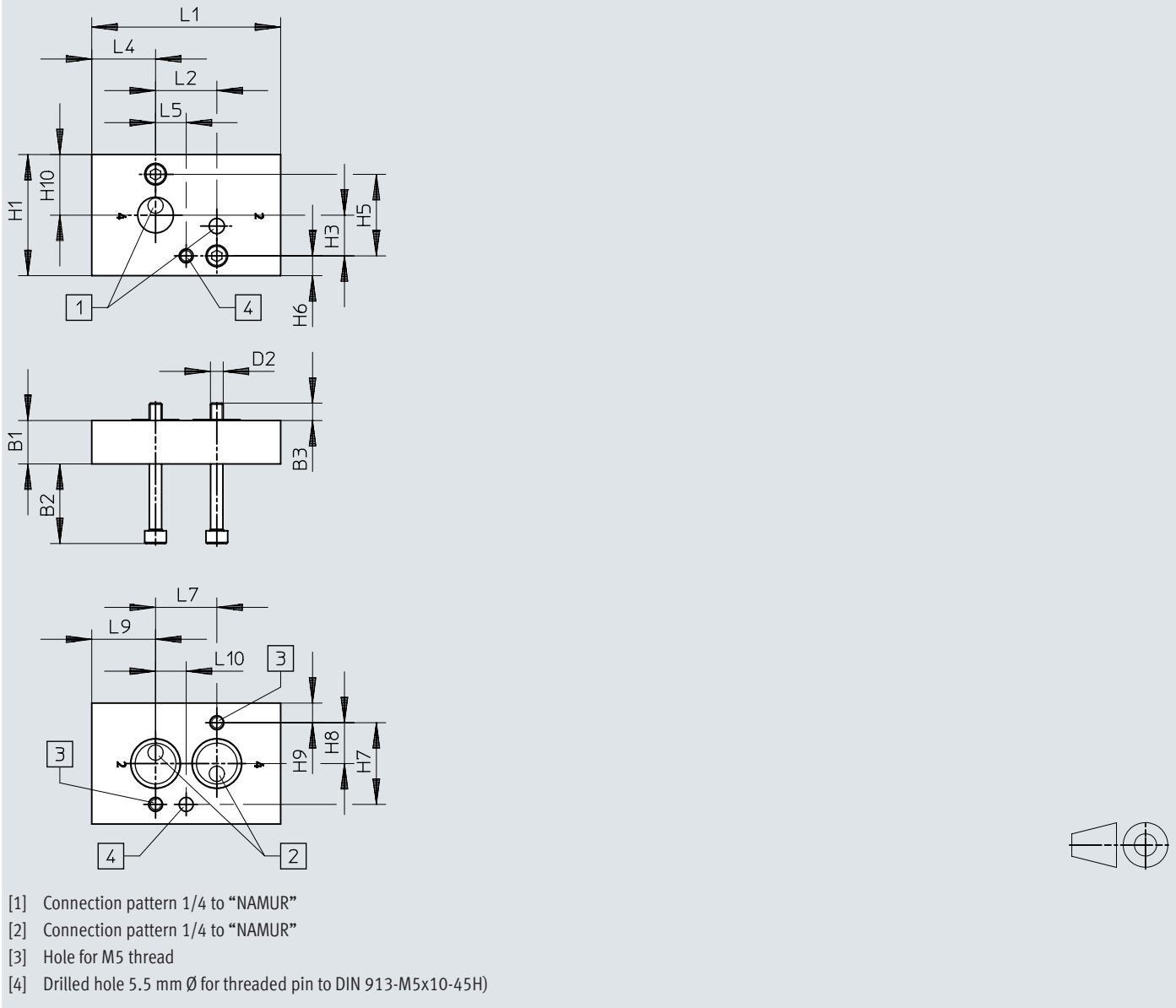
- [1] Connection pattern 1/4 to "NAMUR"
- [2] Connection pattern 1/4 to "NAMUR"
- [3] Hole for M5 thread
- [4] Drilled hole 5.5 mm Ø for threaded pin to DIN 913-M5x10-45H)

	B1	B3	D2	H1	H2	H3	H4	H5	H6	H7	H8
VABS-B14-90-FF14	22	7	M5	60	16	16	9	24	13	24	12

	H9	L1	L2	L3	L4	L5	L6	L7	L8	L9
VABS-B14-90-FF14	13	74	32	24	25	12	7	39	23	7

Dimensions

Dimensions – Mounting plate VABS-B14-180-FF14 Download CAD data www.festo.com

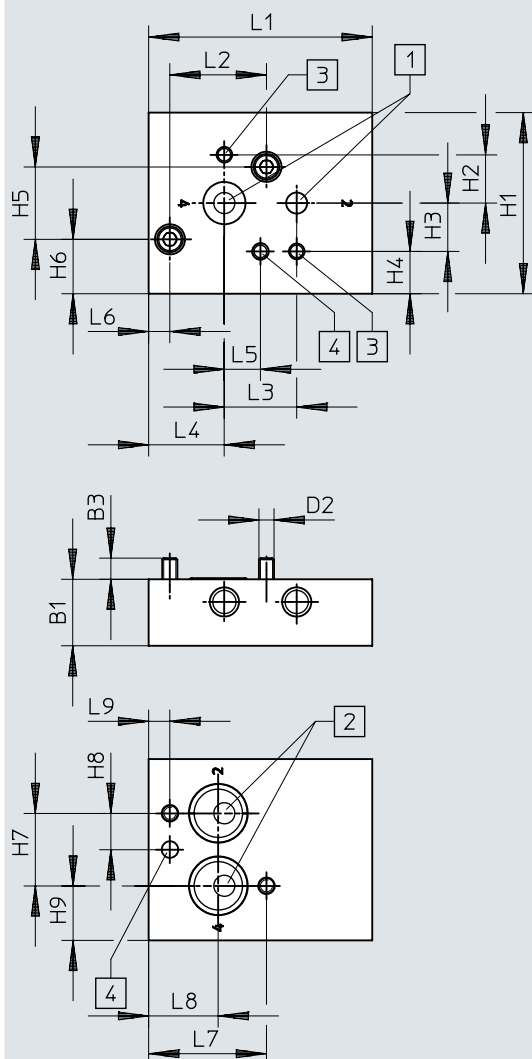


- [1] Connection pattern 1/4 to “NAMUR”
- [2] Connection pattern 1/4 to “NAMUR”
- [3] Hole for M5 thread
- [4] Drilled hole 5.5 mm Ø for threaded pin to DIN 913-M5x10-45H)

	B1	B2	B3	D2	H1	H3	H5	H6	H7	H8	H9	H10	L1	L2	L4	L5	L7	L9	L10
VABS-B14-180-FF14	17	31,2	6,8	M5	47,4	16	32	7,7	32	16	7,7	23,7	74	24	25	12	24	25	12

Dimensions

Dimensions – Mounting plate VABS-B14-270-FF14

 Download CAD data www.festo.com


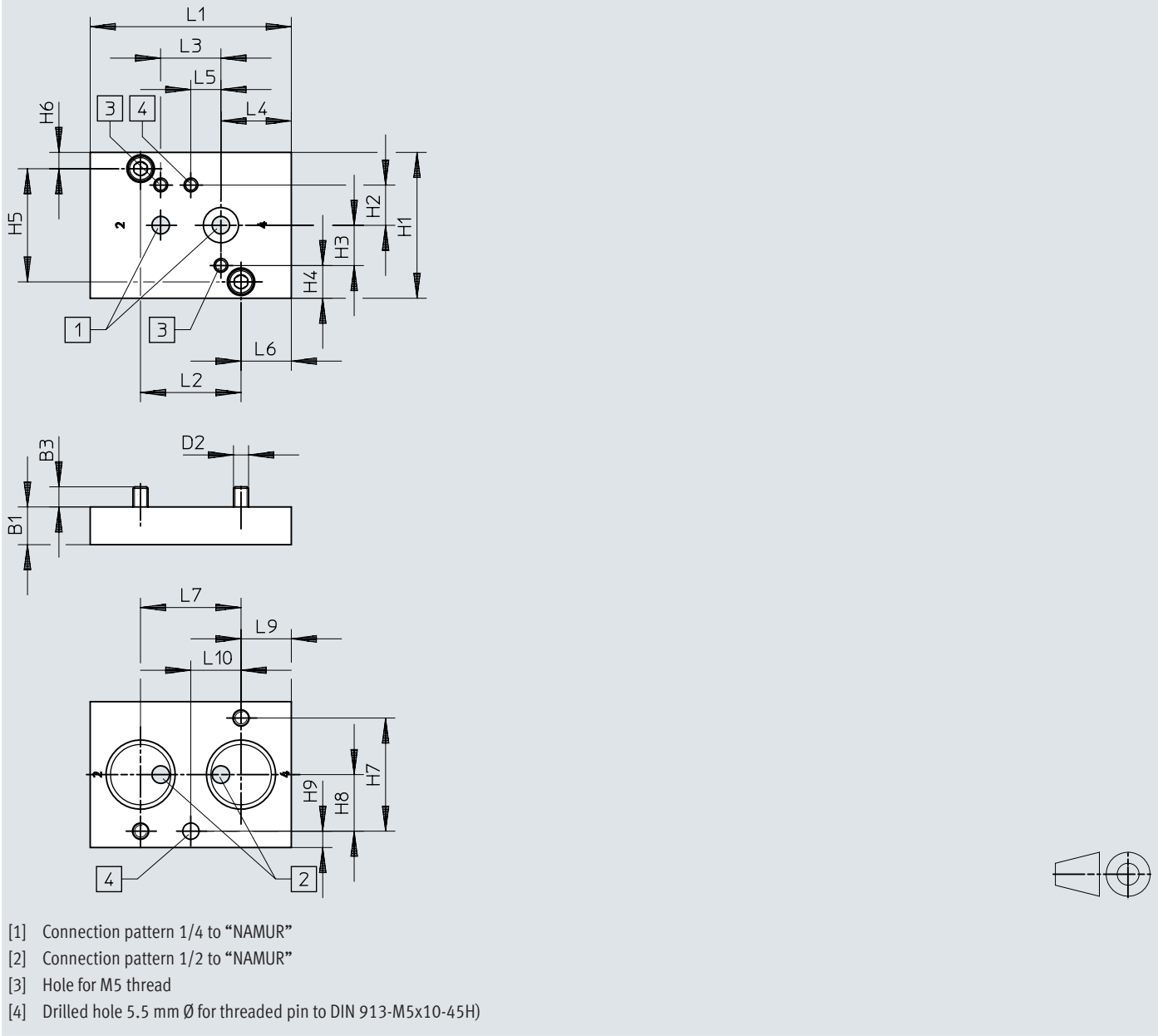
- [1] Connection pattern 1/4 to "NAMUR"
- [2] Connection pattern 1/4 to "NAMUR"
- [3] Hole for M5 thread
- [4] Drilled hole 5.5 mm Ø for threaded pin to DIN 913-M5x10-45H)

	B1	B3	D2	H1	H2	H3	H4	H5	H6	H7	H8
VABS-B14-270-FF14	22	7	M5	60	16	16	14	24	18	24	12

	H9	L1	L2	L3	L4	L5	L6	L7	L8	L9
VABS-B14-270-FF14	18	74	32	24	25	12	7	39	23	7

Dimensions

Dimensions – Mounting plate VABA-B14-FL12-FL14 Download CAD data www.festo.com

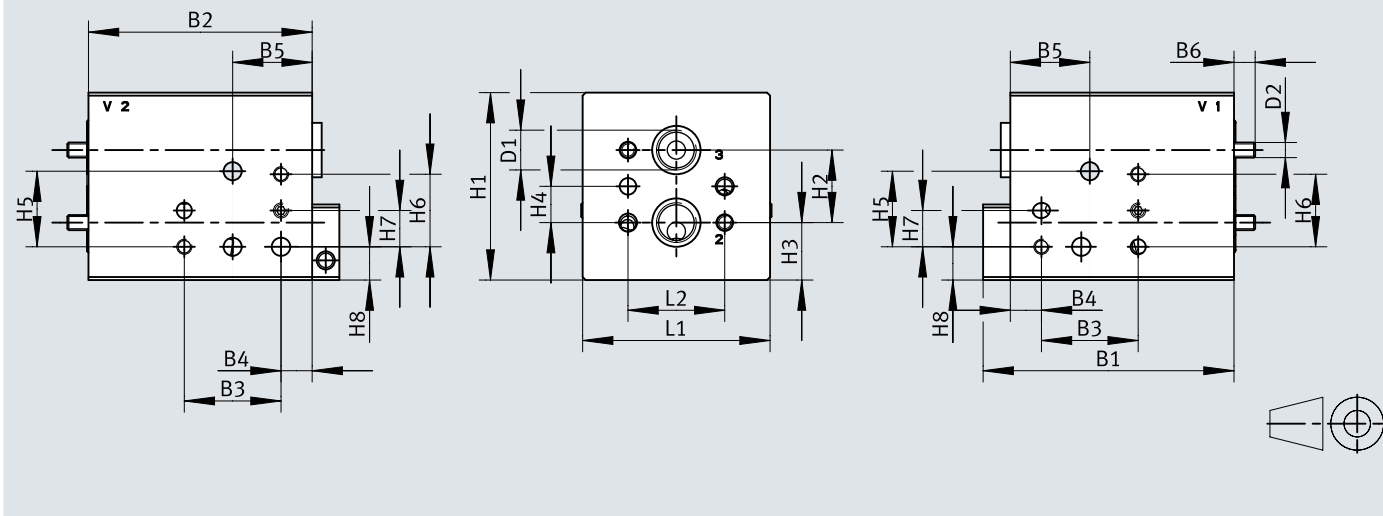


	B1	B3	D2	H1	H2	H3	H4	H5	H6	H7	H8
VABA-B14-FL12-FL14	15	8	M6	58	16	16	13	45	6,5	45	22,5

	H9	L1	L2	L3	L4	L5	L6	L7	L9	L10
VABA-B14-FL12-FL14	6,5	80	40	24	28	12	20	40	20	20

Dimensions

Dimensions – Manifold block VABS

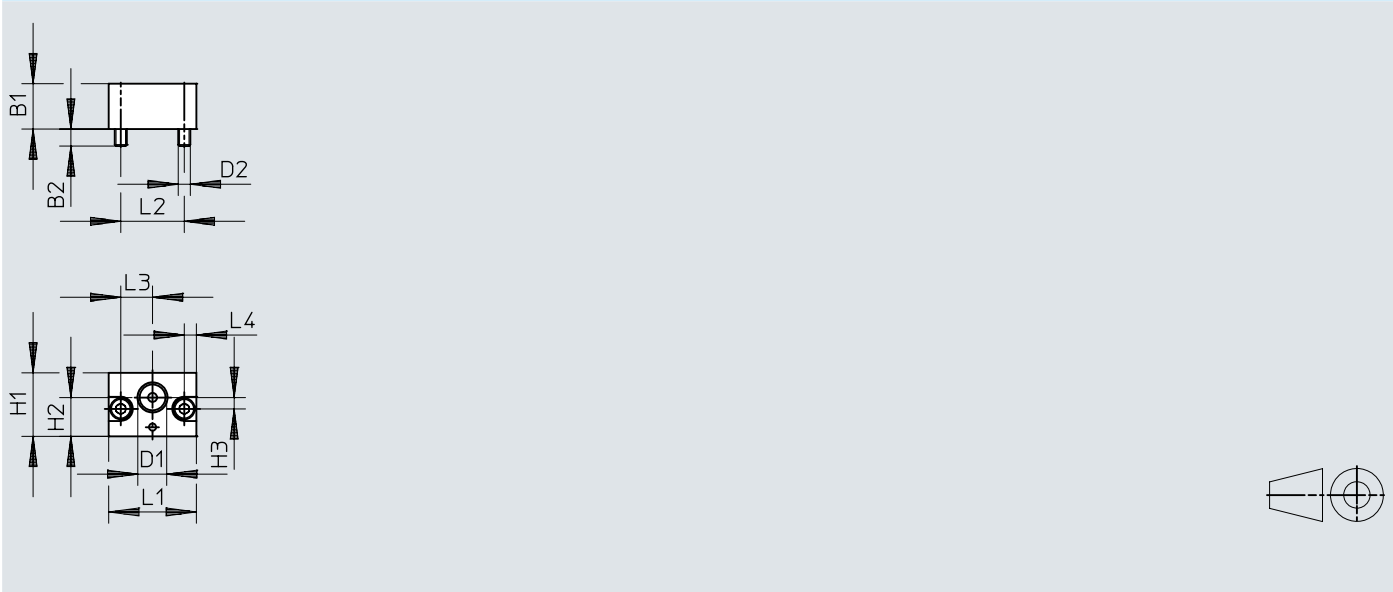
[Download CAD data](http://www.festo.com)


	B1	B2	B3	B4	B5	B6	H3 H8	D1	D2
VABS-S7-RB-B-G14-VDE2-R12	83	74	32	10,3	26,3	7	25,6	G14	M7

	H1	H2	H3	H4	H5	H6	H7	H8	L1	L2
VABS-S7-RB-B-G14-VDE2-R12	62	24	19	12	25	24	12	11	62	32

Dimensions

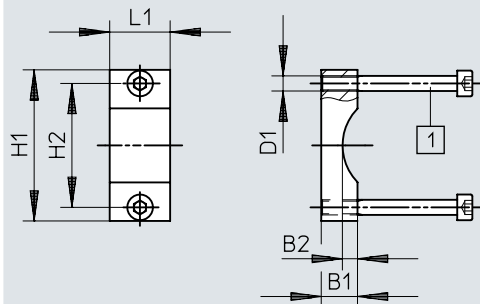
Dimensions – Joint Download CAD data www.festo.com



	B1	B2	D1	D2	H1	H2	H3	L1	L2	L3	L4
VABD-B14-P1-G18	15	5,6	G1/8	M4	21	12,8	~3,8	29	21	10,5	4
VABD-B14-P1-N18			1/8 NPT								

Dimensions

Dimensions – Mounting bracket

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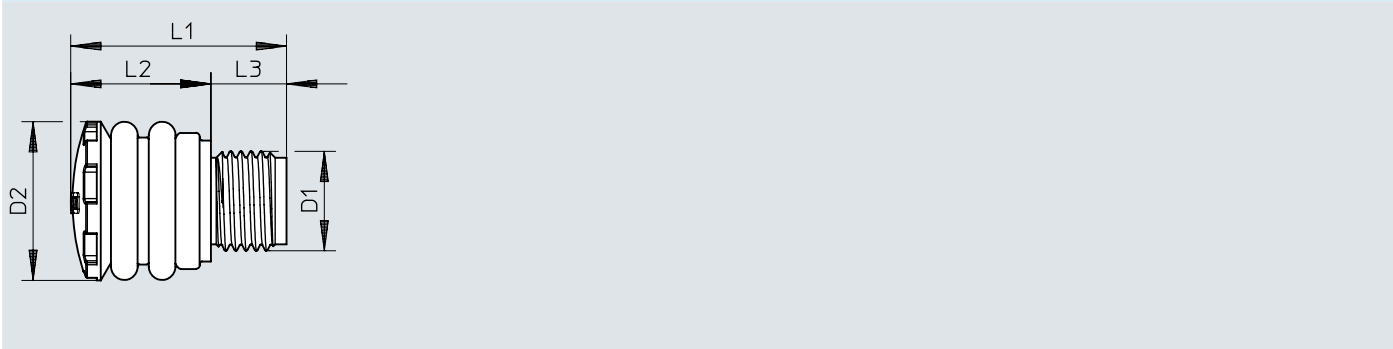
[1] Connection pattern to NAMUR



	B1	B2	B3	D1	H1	H2	L1
VAME-S7-Y	4 5/65	12	5	M5	50	41	20

Dimensions

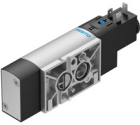
Dimensions – Exhaust protection [Download CAD data](#) www.festo.com



	D1	D2 Ø	L1	L2	L3
VABD-D3-SN-G14	G1/4	21	28,5	18,5	10

Ordering data

Ordering data 3/2- or 5/2-way valve ...-F8, reversible, single solenoid

	Pneumatic connection, port 1	Pneumatic connection, port 2	Electrical connection	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	3-pin, Type B, Plug, To industry standard (11 mm)	1,250 l/min	577257	VSNC-FC-M52-MD-G14-F8
			Type A, To EN 175301-803		577295	VSNC-FC-M52-MD-G14-F8-1B2
					8074945	VSNC-FC-M52-MD-G14-F8-1A1
	1/4 NPT				577262	VSNC-FC-M52-MD-N14-F8

Ordering data 5/2-way valve ...-F8, double solenoid

	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	1,350 l/min	577258	VSNC-F-B52-D-G14-F8
				577296	VSNC-F-B52-D-G14-F8-1B2
	1/4 NPT			577263	VSNC-F-B52-D-N14-F8

Ordering data – 5/3-way valve ...-F8

Ordering data – 5/3-way valve ...-F8					
	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	950 l/min	577260	VSNC-F-P53U-MD-G14-F8
			1,050 l/min	577261	VSNC-F-P53E-MD-G14-F8
			1,250 l/min	577259	VSNC-F-P53C-MD-G14-F8
	1/4 NPT		950 l/min	577265	VSNC-F-P53U-MD-N14-F8
			1,050 l/min	577266	VSNC-F-P53E-MD-N14-F8
			1,250 l/min	577264	VSNC-F-P53C-MD-N14-F8

Ordering data 3/2- or 5/2-way valve VSNC-F...-FN, reversible, single solenoid

Ordering data 3/2- or 3/2-way valve VSNC-FC-M52-MD-FN, reversible, single solenoid					
	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	1,250 l/min	8078399	VSNC-FC-M52-MD-G14-FN-3AA1+G
				8078398	VSNC-FC-M52-MD-G14-FN-1A1+G
				577267	VSNC-FC-M52-MD-G14-FN
				577281	VSNC-FC-M52-MD-G14-FN-1A1-EX4-A
	1/4 NPT			577272	VSNC-FC-M52-MD-N14-FN
				577286	VSNC-FC-M52-MD-N14-FN-1A1-EX4-A

Ordering data 5/2-way valve, VSNC-F...-FN, double solenoid

Ordering data 5/2-way valve, VSNC-F-B52-D-FN, double solenoid					
	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	1,350 l/min	577268	VSNC-F-B52-D-G14-FN
	1/4 NPT			577282	VSNC-F-B52-D-G14-FN-1A1-EX4-A
				577287	VSNC-F-B52-D-N14-FN-1A1-EX4-A
				577273	VSNC-F-B52-D-N14-FN

Ordering data

Ordering data 5/3-way valve VSNC-F...-FN

	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	950 l/min	577270	VSNC-F-P53U-MD-G14-FN
			1,050 l/min	577271	VSNC-F-P53E-MD-G14-FN
			1,250 l/min	577269	VSNC-F-P53C-MD-G14-FN
	1/4 NPT		950 l/min	577275	VSNC-F-P53U-MD-N14-FN
			1,050 l/min	577276	VSNC-F-P53E-MD-N14-FN
			1,250 l/min	577274	VSNC-F-P53C-MD-N14-FN

Ordering data 3/2- or 5/2-way valve VSNC-FT...-FN reversible, single solenoid

	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	800 l/min	577277	VSNC-FTC-M52-MD-G14-FN
				577297	VSNC-FTC-M52-MD-G14-FN-1A1
	1/4 NPT			577279	VSNC-FTC-M52-MD-N14-FN

Ordering data 5/2-way valve, VSNC-FT...-FN, double solenoid

	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	1,000 l/min	577298	VSNC-FT-B52-D-G14-FN-1A1
				577278	VSNC-FT-B52-D-G14-FN
	1/4 NPT			577280	VSNC-FT-B52-D-N14-FN

Ordering data 3/2- or 5/2-way valve VSNC-FT...-P2, reversible, single solenoid

	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	800 l/min	8114688	VSNC-FTC-M52-M-G14-P2
	1/4 NPT			8114698	VSNC-FTC-M52-M-N14-P2

Ordering data 5/2-way valve VSNC-FT...-P2, double solenoid

	Pneumatic connection, port 1	Pneumatic connection, port 2	Part no.	Type
	G1/4	Connection pattern to NAMUR	8114687	VSNC-FT-B52-G14-P2
	1/4 NPT		8114699	VSNC-FT-B52-N14-P2

Ordering data

Ordering data 5/3-way valve VSNC-FT...-P2

	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	950 l/min	8114685	VSNC-F-P53U-M-G14-P2
			1,050 l/min	8114684	VSNC-F-P53E-M-G14-P2
			1,250 l/min	8114686	VSNC-F-P53C-M-G14-P2
	1/4 NPT		950 l/min	8114701	VSNC-F-P53U-M-N14-P2
			1,050 l/min	8114702	VSNC-F-P53E-M-N14-P2
			1,250 l/min	8114700	VSNC-F-P53C-M-N14-P2

Ordering data 3/2- or 5/2-way valve VSNC-FTC...-F19/F19A, reversible

	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	800 l/min	8116376	VSNC-FTC-M52-MH-G14-F19A
				8116378	VSNC-FTC-M52-M-G14-F19
				8116380	VSNC-FTC-M52-M-G14-F19A
				8116369	VSNC-FTC-M52-MH-G14-F19
	1/4 NPT			8116375	VSNC-FTC-M52-MH-N14-F19
				8116377	VSNC-FTC-M52-MH-N14-F19A
				8116379	VSNC-FTC-M52-M-N14-F19
				8116381	VSNC-FTC-M52-M-N14-F19A

Ordering data 5/2-way valve VSNC-FT...-F19/F19A, double solenoid

	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	1,000 l/min	8116385	VSNC-FT-B52-G14-F19
	1/4 NPT			8116387	VSNC-FT-B52-G14-F19A
				8116370	VSNC-FT-B52-H-G14-F19
				8116383	VSNC-FT-B52-H-G14-F19A
				8116386	VSNC-FT-B52-N14-F19
				8116388	VSNC-FT-B52-N14-F19A
				8116382	VSNC-FT-B52-H-N14-F19
				8116384	VSNC-FT-B52-H-N14-F19A

Ordering data 5/3-way valve VSNC-F...-F19/F19A

	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	G1/4	Connection pattern to NAMUR	950 l/min	8116406	VSNC-F-P53U-M-G14-F19A
				8116404	VSNC-F-P53U-M-G14-F19
				8116392	VSNC-F-P53U-MH-G14-F19
				8116394	VSNC-F-P53U-MH-G14-F19A
			1,050 l/min	8116410	VSNC-F-P53E-M-G14-F19A
				8116408	VSNC-F-P53E-M-G14-F19
				8116396	VSNC-F-P53E-MH-G14-F19
				8116398	VSNC-F-P53E-MH-G14-F19A
			1,250 l/min	8116402	VSNC-F-P53C-M-G14-F19A
				8116400	VSNC-F-P53C-M-G14-F19
				8116390	VSNC-F-P53C-MH-G14-F19A
				8116371	VSNC-F-P53C-MH-G14-F19
	1/4 NPT		950 l/min	8116405	VSNC-F-P53U-M-N14-F19
				8116393	VSNC-F-P53U-MH-N14-F19
				8116395	VSNC-F-P53U-MH-N14-F19A
			8116407	VSNC-F-P53U-M-N14-F19A	
			1,050 l/min	8116411	VSNC-F-P53E-M-N14-F19A

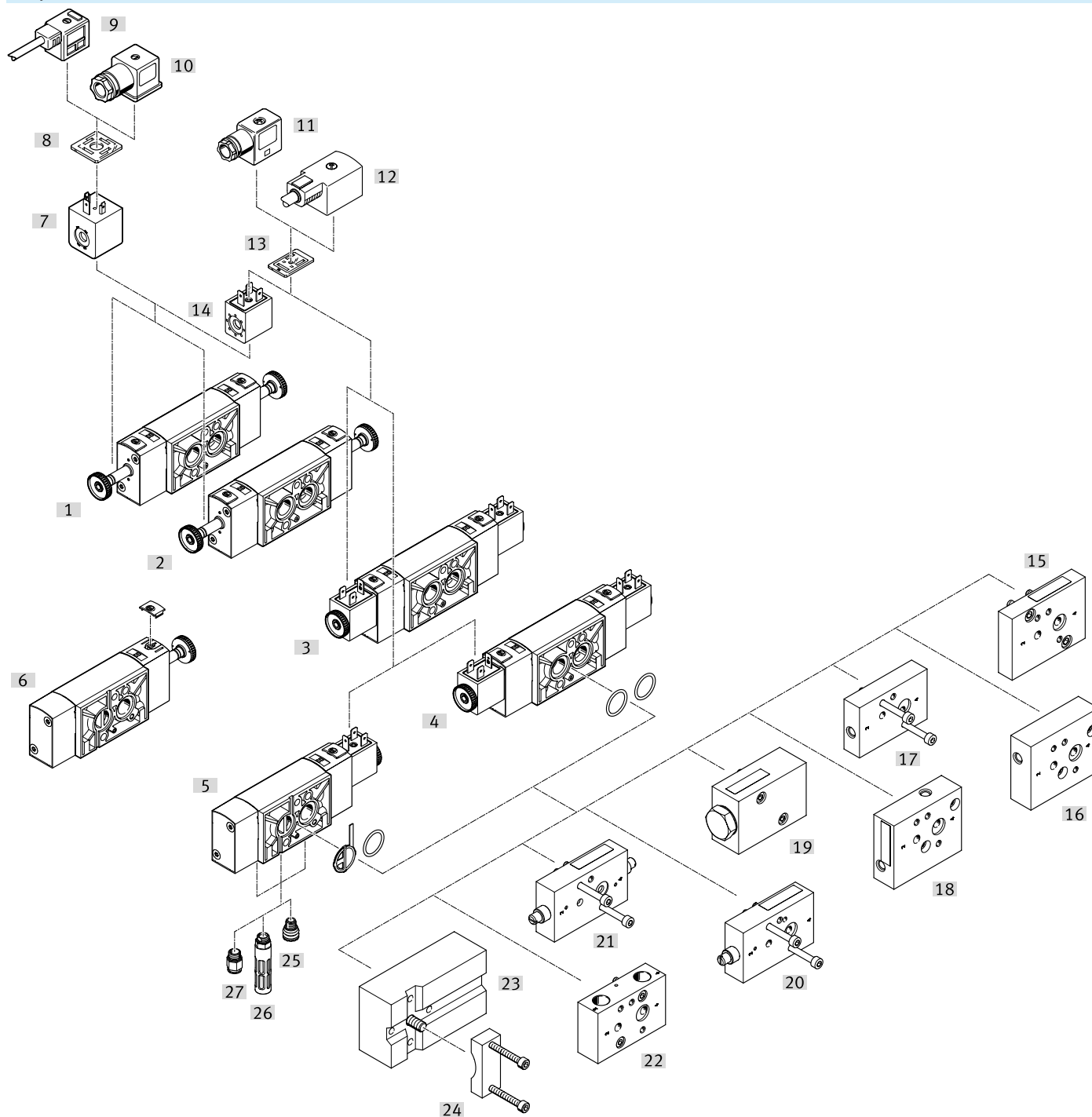
Ordering data

Ordering data 5/3-way valve VSNC-F...-F19/F19A					
	Pneumatic connection, port 1	Pneumatic connection, port 2	Standard nominal flow rate (standardised to DIN 1343)	Part no.	Type
	1/4 NPT	Connection pattern to NAMUR	1,050 l/min	8116409	VSNC-F-P53E-M-N14-F19
				8116397	VSNC-F-P53E-MH-N14-F19
				8116399	VSNC-F-P53E-MH-N14-F19A
			1,250 l/min	8116403	VSNC-F-P53C-M-N14-F19A
				8116401	VSNC-F-P53C-M-N14-F19
				8116389	VSNC-F-P53C-MH-N14-F19
				8116391	VSNC-F-P53C-MH-N14-F19A

Ordering information – Modular product system				
	Valve function	Construction width	Part no.	Type
	5/2-way, double solenoid, 5/2-way or 3/2-way, convertible, 5/3-way, pressurised, 5/3 exhausted, 5/3- way, closed	32 mm	8026033	VSNC

Peripherals

Peripherals overview VSNC...-F8



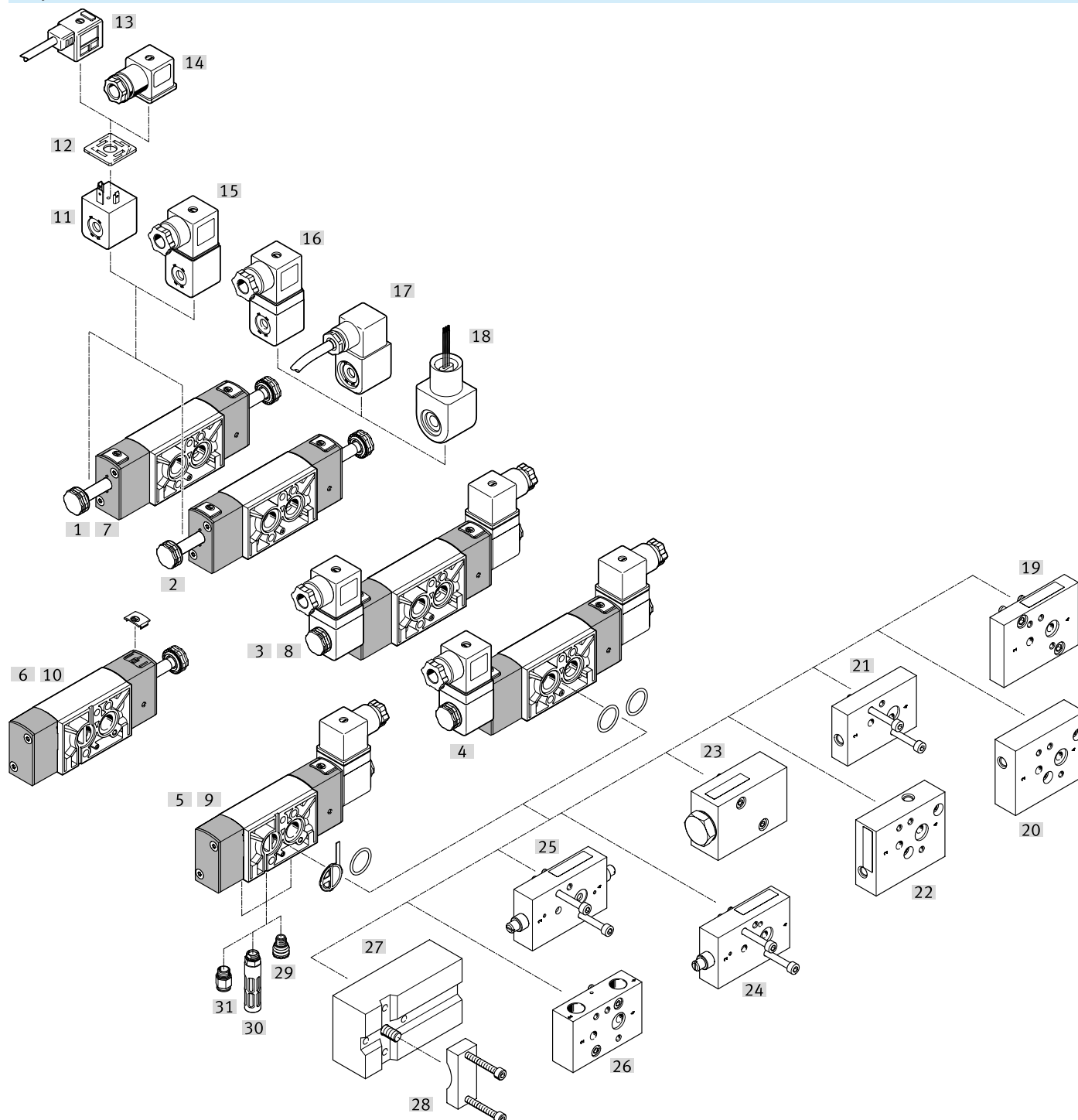
Accessories		→ Link
Type/order code	Description	
[1] Solenoid valves VSNC...-F8	5/2-way valve, double solenoid with polymer cover, brass armature tube for controlling double-acting drives	vsnc
[2] Solenoid valves VSNC...-F8	5/3-way valve, single solenoid, normally open, closed or exhausted with polymer cover, brass armature tube for controlling double-acting drives	vsnc
[4] Solenoid valves VSNC...-F8	5/3-way valve, single solenoid, normally open, closed or exhausted with polymer cover, brass armature tube and 24 VDC solenoid coil for actuating double-acting drives	vsnc
[4] Solenoid valves VSNC...-F8	5/2-way valve, double solenoid with plastic cover cap, brass armature tube and 24 V DC solenoid coil for controlling double-acting drives	vsnc
[5] Solenoid valves VSNC...-F8	3/2 and 5/2-way valve, single solenoid with rotatable seal, plastic cover, brass armature tube and 24 VDC solenoid coil for controlling single-acting or double-acting drives	vsnc

Peripherals

Accessories		→ Link
Type/order code	Description	
[6] Solenoid valves VSNC-...-F8	3/2- and 5/2-way valve, single solenoid with rotatable seal, polymer cover, brass armature tube for actuating single-acting or double-acting drives	vsnc
[7] Solenoid coil VACF-A	Electrical plug pattern to DIN EN 175301-803 type A	74
[8] Illuminating seal MC-LD	Illuminating seal to display the switching status	78
[9] Connecting cable KMC	-	77
[10] Plug socket MSSD-C	Electrical plug pattern to DIN EN 175301-803 shape A	78
[11] Plug socket MSSD-F	Electrical plug pattern according to Festo standard with screw terminal technology	
[12] Connecting cable KMF	-	77
[13] Illuminating seal MF-LD	Illuminating seal to display the switching status	78
[14] Solenoid coil VACF-B	Electrical plug pattern to Festo standard for MSSD-F	74
[15] Mounting plate VABA-B14-FL12-FL14	Mounting plate with Namur connection 1/2 and 1/4	73
[16] Mounting plate VABS-B14-270-FF14	Namur connection can be turned 270°. It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator	73
[17] Mounting plate VABS-B14-180-FF14	Namur connection can be rotated 180°. It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator	73
[18] Mounting plate VABS-B14-90-FF14	Namur connection can be rotated 90°. It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator	72
[19] Exhaust plate VABF-B14-M3-...14	Exhausting a quarter turn actuator with Namur connection via a valve terminal or a normal in-line valve G 1/4 or 1/4 NPT	72
[20] Throttle plate (single-acting) VABF-B14-F1B1P1-FF14	Flow control for single-acting semi-rotary drives	72
[21] Throttle plate (double-acting) VABF-B14-F1B1P2-FF14	Flow control for double-acting semi-rotary drives	72
[22] Connector plate VABS-B14-T-F ... 14	With the sub-base, the Namur valve can be used as an in-line valve with G1/4". And NPT1/4" thread	72
[23] Connection kit VABS-S7-S-G14	Sub-base for mounting the valve on NAMUR ribs	72
[24] Mounting bracket VAME-S7-Y	Alternative possibility (instead of screw) to fit the valve on the NAMUR rib using a mounting bracket	73
[25] Exhaust protection VABD-D3-SN-G14	Exhaust protection IP65. The spring chamber of the actuator is protected against the ingress of aggressive ambient air and water by the one-way flow control system	73
[26] Silencer U	-	78
[27] Push-in fitting QS	For connecting tubing with standard O.D.	78

Peripherals

Peripherals overview VSNC-...-FN



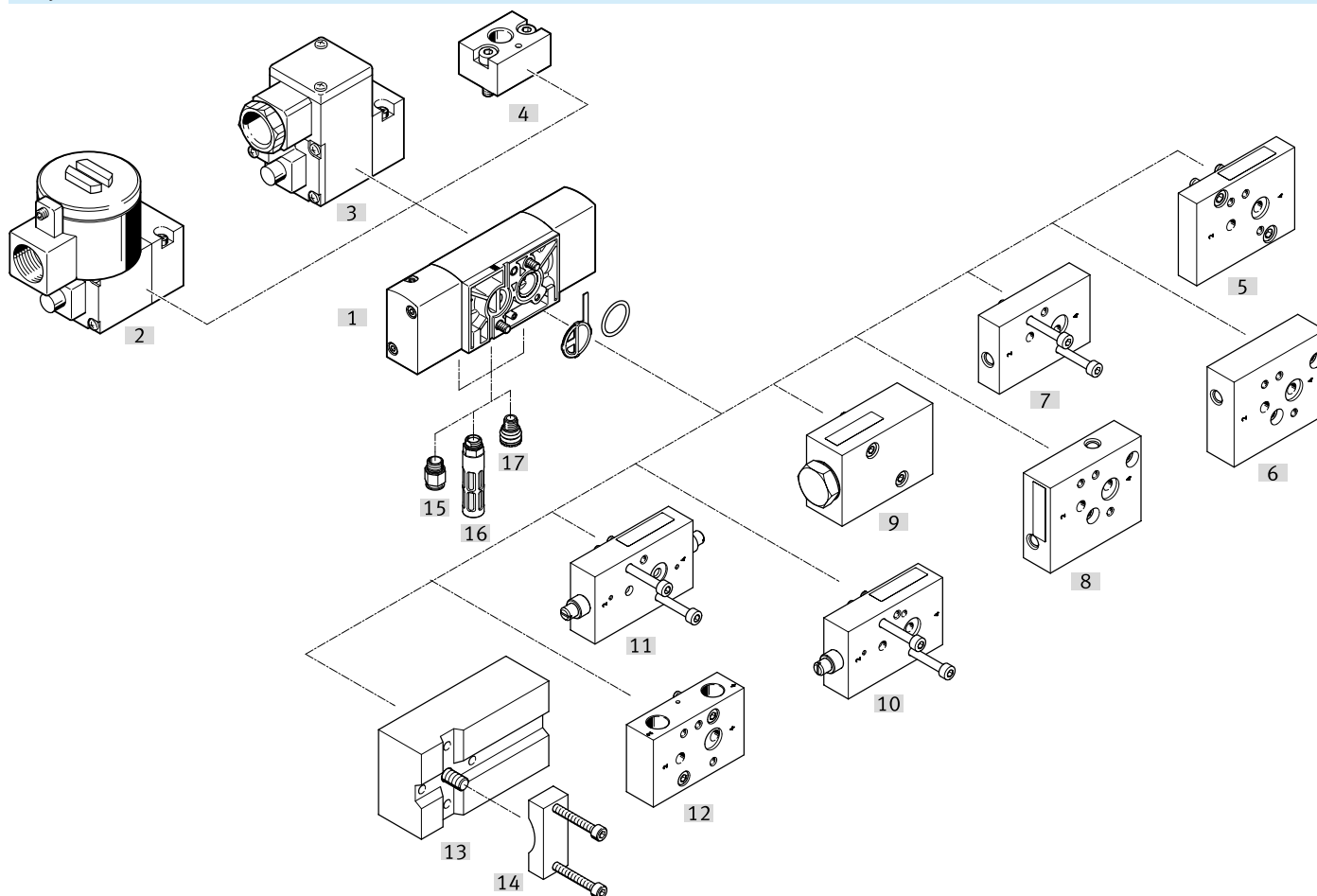
Accessories		→ Link
Type/order code	Description	
[1] Piston valve VSNC-F ...-FN	5/2-way valve, double solenoid with aluminium cover, stainless steel armature tube	vsnc
[2] Piston valve VSNC-F ...-FN	5/3-way valve, single solenoid, normally open, closed or exhausted with aluminium cover, stainless steel armature tube	vsnc
[3] Piston spool valve VSNC-F ...-FN	5/2-way valve, double solenoid with aluminium cover, stainless steel armature tube and Ex-ia solenoid coil	vsnc
[4] Piston valve VSNC-F ...-FN	5/3-way valve, single solenoid, normally open, closed or exhausted with aluminium cover, stainless steel armature tube and Ex-ia solenoid coil	vsnc
[5] Piston spool valve VSNC-F ...-FN	3/2 and 5/2-way valve, single solenoid, with rotatable seal, aluminium cover, stainless steel armature tube and Ex-ia solenoid coil	vsnc

Peripherals

Accessories		→ Link
Type/order code	Description	
[6] Piston spool valve VSNC-F ...-FN	3/2- and 5/2-way valve, single solenoid with rotatable seal, aluminium cover, stainless steel armature tube	vsnc
[7] Poppet seat VSNC-FT- ... -FN	5/2-way valve, double solenoid with aluminium cover, stainless steel armature tube	vsnc
[8] Poppet seat VSNC-FT- ... -FN	5/2-way valve, double solenoid with aluminium cover, stainless steel armature tube and 24 VDC solenoid coil	vsnc
[9] Poppet seat VSNC-FT- ... -FN	3/2- and 5/2-way valve single solenoid with directional control valve, aluminium cover, stainless steel armature tube and 24 VDC solenoid coil	vsnc
[10] Poppet seat VSNC-FT- ... -FN	3/2- and 5/2-way valve single solenoid with rotatable seal, aluminium cover, stainless steel armature tube	vsnc
[11] Solenoid coil VACN-N	Electrical plug pattern to DIN EN 175301-803 shape A	75
[12] Illuminating seal MC-LD	Illuminating seal to display the switching status	78
[13] Connecting cable KMC	-	77
[14] Plug socket MSSD-C	Electrical plug pattern to DIN EN 175301-803 type A	78
[15] Solenoid coil VACN-N- ... -Ex2-N	Type of ignition protection nA = non-sparking, for use in zone 2	75
[16] Solenoid coil VACN-N- ... -Ex4-A	Type of protection iA = intrinsically safe, for use in zone 1	74
[17] Solenoid coil VACN-N- ... -Ex4-M	Type of protection m = encapsulated, for use in zone 1	75
[18] Solenoid coil VACN-N- ... -U4-M	Type of protection m = encapsulated, for use in Class I, Div I (American FM approval to NEC 500)	75
[19] Mounting plate VABA-B14-FL12-FL14	Mounting plate with NAMUR connection 1/2 and 1/4	73
[20] Mounting plate VABS-B14-270-FF14	Namur connection can be turned 270°. It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator	73
[21] Mounting plate VABS-B14-180-FF14	Namur connection can be rotated 180°. It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator	73
[22] Mounting plate VABS-B14-90-FF14	Namur connection can be rotated 90°. It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator	72
[23] Exhaust plate VABF-B14-M3-...14	Exhausting a quarter turn actuator with Namur connection via a valve terminal or a normal in-line valve G 1/4 or 1/4 NPT	72
[24] Throttle plate (single acting) VABF-B14-F1B1P1-FF14	Flow control for single-acting quarter turn actuators	72
[25] Throttle plate (double acting) VABF-B14-F1B1P2-FF14	Flow control for double-acting semi-rotary drives	72
[26] Connector plate VABS-B14-T-F ... 14	With the sub-base the Namur valve can be used as an in-line valve with G1/4". And NPT1/4" thread	72
[27] Connection kit VABS-S7-S-G14	Sub-base for mounting the valve on NAMUR ribs	72
[28] Mounting bracket VAME-S7-Y	Alternative (instead of screw) to fitting the valve on the NAMUR rib using a mounting bracket	73
[29] Exhaust protection VABD-D3-SN-G14	Exhaust protection IP65. The spring chamber of the actuator is protected against the ingress of aggressive ambient air and water by the one-way flow control system	73
[30] Silencer U	-	78
[31] Push-in fitting QS	For connecting tubing with standard O.D.	78

Peripherals

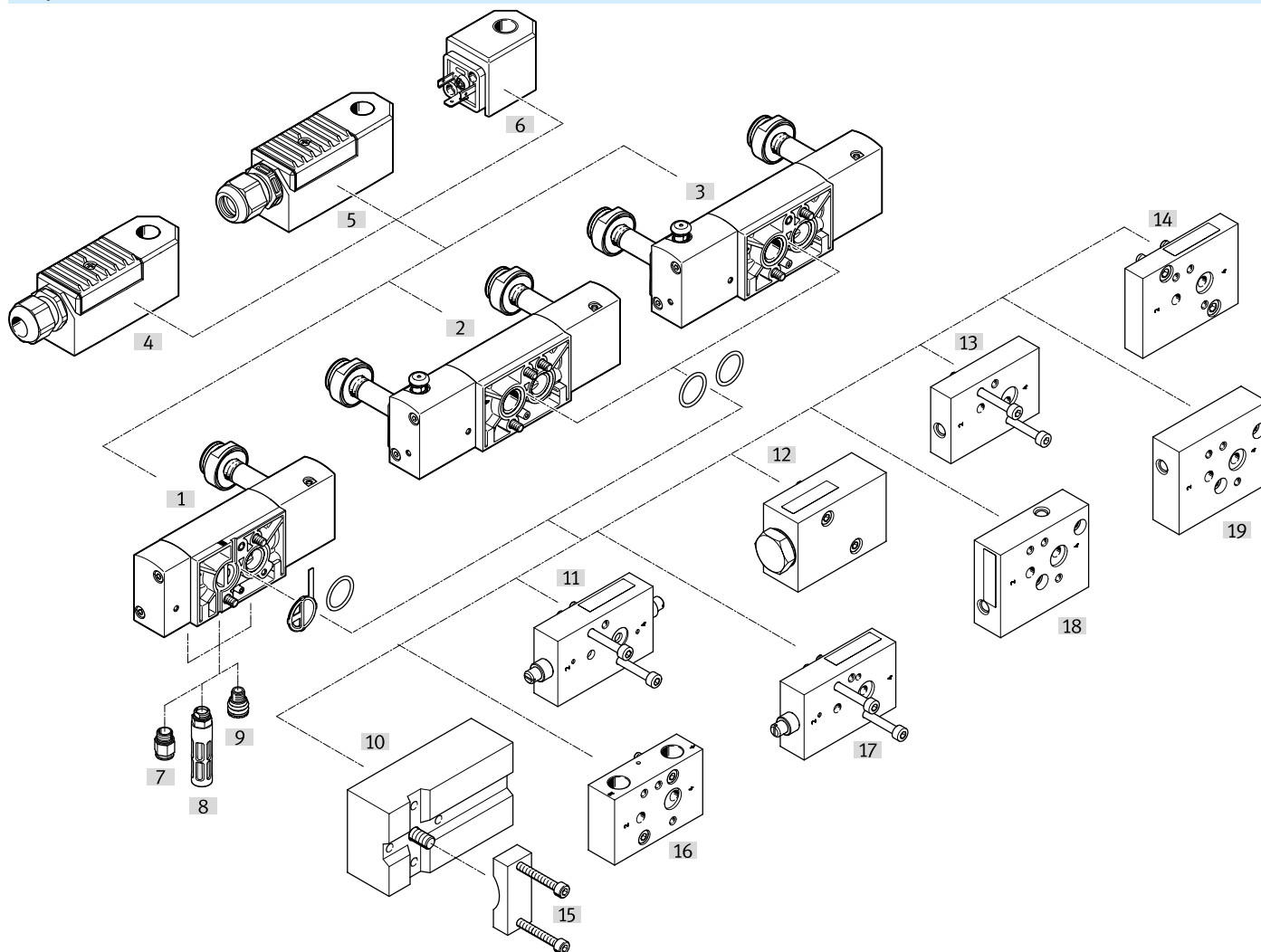
Peripherals overview VSNC-...-P2



Accessories			→ Link
Type/order code	Description		
[1] Solenoid valves VSNC-...-P2	3/2 or 5/2-way valve-...-F19/F19A convertible		vsnc
[2] Pilot valves MGXDH-...	With CNOMO port pattern, to ISO 15218		76
[3] Pilot valves MGXIAH-...	With CNOMO port pattern, to ISO 15218		77
[4] Connector VABD-B14-P1-G18	With CNOMO connection pattern, according to ISO 15218		73
[5] Mounting plate VABA-B14-FL12-FL14	Mounting plate with NAMUR connection 1/2 and 1/4		73
[6] Mounting plate VABS-B14-270-FF14	Namur connection can be turned 270° It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator		73
[7] Mounting plate VABS-B14-180-FF14	Namur connection can be turned 180° It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator		73
[8] Mounting plate VABS-B14-90-FF14	Namur connection can be turned 90° It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator		72
[9] Exhaust plate VABF-B14-M3-...14	Exhausting a quarter turn actuator with Namur connection via a valve terminal or a normal in-line valve G 1/4 or 1/4 NPT		72
[10] Throttle plate (single-acting) VABF-B14-F1B1P1-FF14	Flow control for single-acting semi-rotary drives		72
[11] Throttle plate (double-acting) VABF-B14-F1B1P2-FF14	Flow control for double-acting rotary actuators		72
[12] Connector plate VABS-B14-T-F ... 14	With the sub-base the Namur valve can be used as an in-line valve with G1/4" and NPT1/4" thread.		72
[13] Connection kit VABS-S7-S-G14	Connecting plate for mounting the valve on NAMUR rib		72
[14] Mounting bracket VAME-S7-Y	Alternative (instead of screw) for fitting the valve on a NAMUR rib using a mounting bracket		73
[15] Push-in fitting QS	For connecting tubing with standard O.D.		78
[16] Silencer U	-		78
[17] Exhaust protection VABD-D3-SN-G14	Exhaust protection IP65. The spring chamber of the actuator is protected against the ingress of aggressive ambient air and water by the one-way flow control system		73

Peripherals

Peripherals overview VSNC-...-F19/F19A



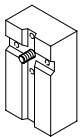
Accessories		→ Link
Type/order code	Description	
[1] Solenoid valves VSNC-...-F19/F19A	3/2 or 5/2 directional control valve-...-F19/F19A convertible	vsnc
[2] Solenoid valves VSNC-...-F19/F19A	5/2-way valve ...-F19/F19A double solenoid	vsnc
[3] Solenoid valves VSNC-...-F19/F19A	5/3-way valve-...-F19/F19A, closed, pressurised, exhausted	vsnc
[4] Solenoid coil VACC-...	Encapsulated solenoid coil with increased safety, Ex-me	76
[5] Solenoid coil VACC-...	Type of ignition protection intrinsically safe Ex-ia	76
[6] Solenoid coil VACN-...	Degree of protection IP65 with socket	75
[7] Push-in fitting QS	For connecting tubing with standard O.D.	78
[8] Silencer U	-	78
[9] Exhaust protection VABD-D3-SN-G14	Exhaust protection IP65. The spring chamber of the actuator is protected against the ingress of aggressive ambient air and water by the non-return system	73
[10] Connection kit VABS-S7-S-G14	Sub-base for mounting the valve on NAMUR ribs	72
[11] Throttle plate (double-acting) VABF-B14-F1B1P2-FF14	Flow control for double-acting semi-rotary drives	72
[12] Exhaust plate VABF-B14-M3-...14	Exhausting a semi-rotary drive with Namur connection via a valve terminal or a normal in-line valve G 1/4 or 1/4 NPT	72
[13] Mounting plate VABS-B14-180-FF14	Namur connection can be rotated 180° It is additionally possible to mount a 1/4" NAMUR valve on a 1/2" actuator	73
[14] Mounting plate VABA-B14-FL12-FL14	Mounting plate with NAMUR connection 1/2 and 1/4	73
[15] Mounting bracket VAME-S7-Y	Alternative (instead of screw) for mounting the valve to NAMUR rib using a mounting bracket	73
[16] Connector plate VABS-B14-T-F ... 14	With the sub-base, the NAMUR valve can be used as an in-line valve with G1/4" and NPT1/4" thread.	72
[17] Throttle plate (single-acting) VABF-B14-F1B1P1-FF14	Flow control for single-acting semi-rotary drives	72

Peripherals

Accessories		→ Link
Type/order code	Description	
[18] Mounting plate VABS-B14-90-FF14	Namur connection can be turned 90°. It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator	72
[19] Mounting plate VABS-B14-270-FF14	Namur connection can be turned 270°. It is also possible to mount a 1/4" NAMUR valve on a 1/2" actuator	73

Accessories

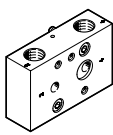
Sub-base VABS-S7-S-G14

	Type of mounting	Operating medium	Operating pressure	Corrosion resistance class CRC	Part no.	Type
	With through-hole	Compressed air to ISO 8573-1:2010 [7:-:-]	0 ... 10 bar	4 - Very high corrosion stress	563396	VABS-S7-S-G14-VDE1

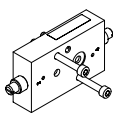
Manifold block VABS

	Corrosion resistance class CRC	Part no.	Type
	4 - Very high corrosion stress	8218246	VABS-S7-RB-B-G14-VDE2-R22

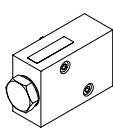
Connecting plate VABS-B14-...

	Type of mounting	Operating medium	Operating pressure	Corrosion resistance class CRC	Part no.	Type
	With through-hole	Compressed air to ISO 8573-1:2010 [7:-:-]	1.5 ... 10 bar	2 - Moderate corrosion stress	8099628	VABS-B14-T-FN14
					8098884	VABS-B14-T-FG14

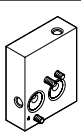
Throttle plate VABF-B14-...

	Type of mounting	Operating medium	Operating pressure	Corrosion resistance class CRC	Part no.	Type
	With through-hole	Compressed air to ISO 8573-1:2010 [7:-:-]	1.5 ... 10 bar	2 - Moderate corrosion stress	8098887	VABF-B14-F1B1P2-FF14
					8098885	VABF-B14-F1B1P1-FF14

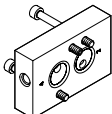
Exhaust plate VABF-B14-M3-...

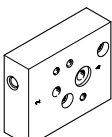
	Type of mounting	Operating medium	Operating pressure	Corrosion resistance class CRC	Part no.	Type
	With through-hole	Compressed air to ISO 8573-1:2010 [7:-:-]	1.5 ... 10 bar	2 - Moderate corrosion stress	8099627	VABF-B14-M3-N14
					8099350	VABF-B14-M3-G14

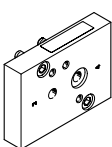
Mounting plate VABS-B14-90-FF14

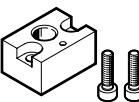
	Type of mounting	Operating medium	Operating pressure	Corrosion resistance class CRC	Part no.	Type
	With through-hole	Compressed air to ISO 8573-1:2010 [7:-:-]	1.5 ... 10 bar	2 - Moderate corrosion stress	8098888	VABS-B14-90-FF14

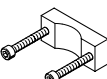
Accessories

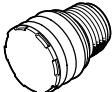
Mounting plate VABS-B14-180-FF14						
	Type of mounting	Operating medium	Operating pressure	Corrosion resistance class CRC	Part no.	Type
	With through-hole	Compressed air to ISO 8573-1:2010 [7:-:-]	1.5 ... 10 bar	2 - Moderate corrosion stress	8099347	VABS-B14-180-FF14

Mounting plate VABS-B14-270-FF14						
	Type of mounting	Operating medium	Operating pressure	Corrosion resistance class CRC	Part no.	Type
	With through-hole	Compressed air to ISO 8573-1:2010 [7:-:-]	1.5 ... 10 bar	2 - Moderate corrosion stress	8098891	VABS-B14-270-FF14

Mounting plate VABA-B14-FL12-FL14						
	Type of mounting	Operating medium	Operating pressure	Corrosion resistance class CRC	Part no.	Type
	With through-hole	Compressed air to ISO 8573-1:2010 [7:-:-]	1.5 ... 10 bar	2 - Moderate corrosion stress	8098889	VABA-B14-FL12-FL14

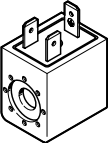
Connector VABD-B14-P1-...					
	Pneumatic connection, port 1	Type of mounting	Corrosion resistance class CRC	Part no.	Type
	G1/8	With through-hole	2 - Moderate corrosion stress	8099850	VABD-B14-P1-G18
	1/8 NPT			8099629	VABD-B14-P1-N18

Mounting bracket VAME-S7-Y			
	Corrosion resistance class CRC	Part no.	Type
	4 - Very high corrosion stress	563403	VAME-S7-Y

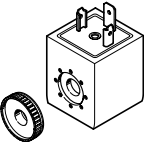
Exhaust protection VABD-D3-SN-G14				
	Operating pressure	Operating medium	Part no.	Type
	0 ... 10 bar	Compressed air to ISO 8573-1:2010 [7:-:-]	563400	VABD-D3-SN-G14

Accessories

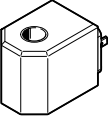
Solenoid coil to industry standard type B, VACF-B-...

	Electrical connection	Characteristic coil data	Part no.	Type
		110/120 V AC: 50/60 Hz, pick-up power 4.4 VA, holding power 3.3 VA	8030806	VACF-B-B2-16B
		12 V DC: 3.4 W	8030801	VACF-B-B2-5
		230/240 V AC: 50/60 Hz, pick-up power 5.8 VA, holding power 4.6 VA	8030808	VACF-B-B2-3W
		24 V DC: 3.3 W	8030802	VACF-B-B2-1
		24 V AC: 50/60 Hz, pick-up power 3.9 VA, holding power 2.6 VA	8030804	VACF-B-B2-1A
		48 V AC: 50/60 Hz, pick-up power 3.9 VA, holding power 2.7 VA	8030805	VACF-B-B2-7A
		48 V DC: 3.4 W	8030803	VACF-B-B2-7

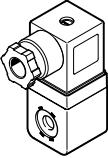
Solenoid coil to DIN EN 175301-803 shape A, VACF-A-...

	Electrical connection	Characteristic coil data	Part no.	Type
		110/120 V AC: 50/60 Hz, pick-up power 2.7 VA, holding power 1.9 VA	8030826	VACF-A-A1-16B
		12 V DC: 2.8 W	8030821	VACF-A-A1-5
		230/240 V AC: 50/60 Hz, pick-up power 3.9 VA, holding power 2.8 VA	8030828	VACF-A-A1-3W
		24 V AC: 50/60 Hz, pick-up power 2.5 VA, holding power 1.7 VA	8030824	VACF-A-A1-1A
		24 V DC: 2.6 W	8030822	VACF-A-A1-1
		48 V AC: 50/60 Hz, pick-up power 2.5 VA, holding power 1.7 VA	8030825	VACF-A-A1-7A
		48 V DC: 2.8 W	8030823	VACF-A-A1-7

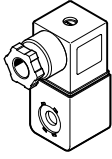
Solenoid coil for armature system F19, VACC-S13-18-...

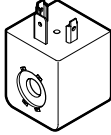
	Electrical connection	Characteristic coil data	Part no.	Type
	Type A, Plug, To EN 175301-803	110 V DC: 1.8 W, 110 V AC: 50/60 Hz, power 1.8 VA	562891	VACC-S13-18-A1-2U
		230 V DC: 1.8 W, 230 V AC: 50/60 Hz, power 1.8 VA	562892	VACC-S13-18-A1-3U
		24 V DC: 2.1 W	562889	VACC-S13-18-A1-1
		24 V DC: 2.1 W, 24 V AC: 50/60 Hz, Power 2.1 VA	562890	VACC-S13-18-A1-1U

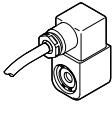
Solenoid coil intrinsically safe Ex-ia, VACN-N-A1-...

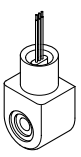
	Electrical connection	Explosion protection	Explosion ambient temperature	Max. input voltage Ui	Part no.	Type
	Type A, To DIN EN 175301-803	Zone 1 (ATEX), Zone 1 (BR), Zone 1 (CN), Zone 1 (IEC-EX), Zone 1 (UKEX), Zone 2 (ATEX), Zone 21 (ATEX), Zone 21 (BR), Zone 21 (CN), Zone 21 (IEC-EX), Zone 21 (UKEX), Zone 22 (ATEX)	T4, T130°C: -40°C ≤ Ta ≤ +85°C, T6, T80°C: -40°C ≤ Ta ≤ +50°C	28 V	8029139	VACN-N-A1-1-EX4-A

Accessories

Solenoid coil non-sparking Ex-na, VACN-N-A1-...					
	Electrical connection	Characteristic coil data	Degree of protection	Part no.	Type
	Type A, To DIN EN 175301-803	110 V AC: 50 Hz, pick-up power 6.9 VA, holding power 4.1 VA, 110 V AC: 60 Hz, pick-up power 5.4 VA, holding power 3.2 VA	IP65	8029137	VACN-N-A1-16B-EX2-N
		230 V AC: 50 Hz, pick-up power 6.9 VA, holding power 4.1 VA, 230 V AC: 60 Hz, pick-up power 5.4 VA, holding power 3.3 VA		8029138	VACN-N-A1-3A-EX2-N
		24 V DC: 2.1 W		8029136	VACN-N-A1-1-EX2-N

Solenoid coil degree of protection IP65 with socket, VACN-N-A1-...				
	Electrical connection	Characteristic coil data	Part no.	Type
	Type A, To DIN EN 175301-803	110 V AC: 50 Hz, pick-up power 5.2 VA, holding power 3.1 VA, 110 V AC: 60 Hz, pick-up power 4.2 VA, holding power 2.5 VA	8029134	VACN-N-A1-16B
		230 V AC: 50 Hz, pick-up power 6.2 VA, holding power 3.7 VA, 230 V AC: 60 Hz, pick-up power 4.9 VA, holding power 2.9 VA	8029135	VACN-N-A1-3A
		24 V DC: 0.7 W	8029144	VACN-N-A1-1

Encapsulated solenoid coil Ex-me, VACN-N-K1-...						
	Electrical connection	Characteristic coil data	Explosion protection	Explosion ambient temperature	Part no.	Type
	Cable	110 V AC: 50/60 Hz, power 2.4 VA	Zone 1 (ATEX), Zone 1 (BR), Zone 1 (CN), Zone 1 (IEC-EX), Zone 1 (UKEX), Zone 2 (ATEX), Zone 21 (ATEX), Zone 21 (BR), Zone 21 (CN), Zone 21 (IEC-EX), Zone 21 (UKEX), Zone 22 (ATEX)	-20°C ≤ Ta ≤ +40°C (block), -20°C ≤ Ta ≤ +50°C (single)	8029142	VACN-N-K1-16B-EX4-M
		230 V AC: 50/60 Hz, power 2.1 VA			8029141	VACN-N-K1-3A-EX4-M
		24 V DC: 2.6 W			8029143	VACN-N-K1-1-EX4-M

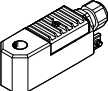
Solenoid coil encapsulated AEX-M, Class 1 Div1 according to NEC 500, VACN-N-K11-...					
	Electrical connection	Characteristic coil data	Degree of protection	Part no.	Type
	Cable	120 V AC: 60 Hz, pick-up power 10.0 VA, holding power 6.8 VA	IP65	8029145	VACN-N-K11-16B-0.5-U4-M
		230 V AC: 50 Hz, pick-up power 11.5 VA, holding power 8.0 VA		8029140	VACN-N-K11-3A-0.5-U4-M
		24 V DC: 4.6 W		8029146	VACN-N-K11-1-0.5-U4-M

Accessories

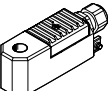
Solenoid coils with electrical connection plug M12x1, A-coded, VACN-N-R...

	Electrical connection 1, connector system	Characteristic coil data	Degree of protection	Part no.	Type
	M12x1, A-coded to EN 61076-2-101	24 V DC: 2.7 W	IP65	8104526	VACN-N-R3-1
				8104527	VACN-N-R4-1

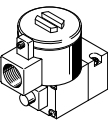
Encapsulated solenoid coil with increased safety, Ex-me, VACC-S13-...

	Electrical connection	Characteristic coil data	Explosion protection	Explosion ambient temperature	Part no.	Type
	Terminal box, cable entry thread M20x1.5	110 V DC: 1.8 W, 110 V AC: 40/65 Hz, power 1.8 VA	Zone 1 (BR), Zone 21 (BR)	T4, T130°C: -30°C ≤ Ta ≤ +60°C, T5, T95°C: -30°C ≤ Ta ≤ +60°C, T6, T85°C: -30°C ≤ Ta ≤ +50°C	8118325	VACC-S13-18-K4-2U-NM4ME
			Zone 1 (CN), Zone 21 (CN)		8118330	VACC-S13-18-K4-2U-NE4ME
		230 V DC: 1.8 W, 230 V AC: 40/65 Hz, power 1.8 VA	Zone 1 (BR), Zone 21 (BR)		8118326	VACC-S13-18-K4-3U-NM4ME
			Zone 1 (CN), Zone 21 (CN)		8118331	VACC-S13-18-K4-3U-NE4ME
		24 V DC: 1.8 W, 24 V AC: 40/65 Hz, power 1.8 VA	Zone 1 (BR), Zone 21 (BR)		8118324	VACC-S13-18-K4-1U-NM4ME
			Zone 1 (CN), Zone 21 (CN)		8118327	VACC-S13-18-K4-1U-NE4ME
		60 V AC: 40/65 Hz, power 1.8 VA, 60 V DC: 1.8 W	Zone 1 (BR), Zone 21 (BR)		8118332	VACC-S13-18-K4-1UF-NM4ME
			Zone 1 (CN), Zone 21 (CN)		8118329	VACC-S13-18-K4-1U-NE4ME
			Zone 1 (BR), Zone 21 (BR)		8118328	VACC-S13-18-K4-27U-NM4ME
			Zone 1 (CN), Zone 21 (CN)		8118333	VACC-S13-18-K4-27U-NE4ME

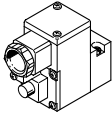
Solenoid coil, intrinsically safe Ex-ia, VACC-S13-11-...

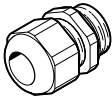
	Electrical connection	Characteristic coil data	Explosion protection	Part no.	Type
	Terminal box, cable entry thread M20x1.5	14 - 32 V DC: 0.22 - 1.1 W	Zone 1 (ATEX), Zone 1 (IEC-EX), Zone 1 (UKEX), Zone 2 (ATEX), Zone 21 (ATEX), Zone 21 (IEC-EX), Zone 21 (UKEX), Zone 22 (ATEX)	8109401	VACC-S13-11-K4-1-EX4A
			Zone 1 (BR), Zone 21 (BR)	8114078	VACC-S13-11-K4-1-NM4A
			Zone 1 (CN), Zone 21 (CN)	8114135	VACC-S13-11-K4-1-NE4A

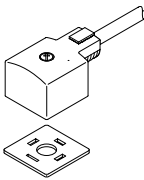
Pilot valves with CNOMO port pattern to ISO 15218, MGXDH-3/2-...

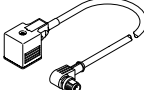
	Valve function	Explosion protection certification outside the EU	CE mark (see declaration of conformity)	Part no.	Type
	3/2-way, single solenoid, closed	EPL Db (CN), EPL Db (IEC-EX), EPL Gb (CN), EPL Gb (IECEx)	To EU Explosion Protection Directive (ATEX)	535615	MGXDH-3/2-1.2-24DC-EX
				535616	MGXDH-3/2-1.2-110AC-EX
				535617	MGXDH-3/2-1.2-230AC-EX

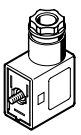
Accessories

Pilot valves with CNOMO port pattern to ISO 15218, MGXIAH-3/2-...					
	Valve function	CE mark (see declaration of conformity)	Explosion protection certification outside the EU	Part no.	Type
	3/2-way, single solenoid, closed	To EU Explosion Protection Directive (ATEX)	EPL Da (CN), EPL Da (IEC-Ex), EPL Db (CN), EPL Ga (IEC-Ex), EPL Gb (CN)	535614	MGXIAH-3/2-0.8-24DC-EX

Cable fitting NETC...			
	Note on materials	Part no.	Type
	RoHS compliant	8151587	NETC-M20-PBU-T26-EX4-E
		568279	NETC-M-M20-KA

Connecting cable KMC...						
	Cable structure	Electrical connection	Nominal operating voltage DC	Cable length	Part no.	Type
	3 x 0.75 mm ²	Socket, Type A	24 V	2.5 m	30932	KMC-1-230AC-2,5
				5 m	30934	KMC-1-230AC-5
		Socket		2.5 m	30935	KMF-1-24DC-2.5-LED
		Socket, Type A			30931	KMC-1-24DC-2,5-LED
				5 m	30933	KMC-1-24DC-5-LED

Connecting cable, NEBV...						
	Cable structure	Nominal operating voltage DC	Cable length	Product weight	Part no.	Type
	3 x 0.75 mm ²	24 V	0.3 m	60 g	3679771	NEBV-A1W3F-P-K-0.3-N-M12W3
			0.6 m	80 g	3679776	NEBV-A1W3F-P-K-0.6-N-LE3
				100 g	3679772	NEBV-A1W3F-P-K-0.6-N-M12W3
		110 V	0.3 m	60 g	3579461	NEBV-A1W3-K-0.3-N-M12W3
			0.6 m	100 g	3579462	NEBV-A1W3-K-0.6-N-M12W3
		230 V		80 g	3579466	NEBV-A1W3-K-0.6-N-LE3

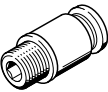
Plug socket MSSD-...-M16						
	Electrical connection 1, number of connections/cores	Electrical connection 1, connection technology	Cable outlet	Note on cable outlet	Part no.	Type
		Type A to EN 175301-803			539709	MSSD-C-M16
	3	Type B as per industry standard 11 mm	Angled	Can be rotated 180°	539710	MSSD-F-M16

Accessories

Plug socket MSSD-C

	Electrical connection 1, number of connections/cores	Electrical connection 1, connection technology	Cable outlet	Note on cable outlet	Part no.	Type
	3	Type A to EN 175301-803	Angled	Can be rotated 90°	34583	MSSD-C

Push-in fitting QS

	Pneumatic connection, port 1	Pneumatic connection, port 2	Part no.	Type
	Male thread G1/4	For tubing outside diameter of 6 mm	186108	QS-G1/4-6-I
		For tubing outside diameter of 8 mm	186110	QS-G1/4-8-I
		For tubing outside diameter of 10 mm	186112	QS-G1/4-10-I
	Male thread 1/4 NPT	For tubing outside diameter of 1/4"	572320	QB-1/4-1/4-I-U
		For tubing outside diameter of 5/16"	572321	QB-1/4-5/16-I-U
		For tubing outside diameter of 3/8"	572322	QB-1/4-3/8-I-U

Illuminating seal for F solenoid coils, MF-LD-...

	Electrical connection	Type of mounting	Part no.	Type
	Type B, Square design MSF	On solenoid valve via M3 central screw	19143	MF-LD-12-24DC
			19144	MF-LD-230AC

Illuminating seal for valves with D and N1 solenoid coils, MC-LD-...

	Electrical connection	Type of mounting	Part no.	Type
	Type A, To DIN EN 175301-803, Square design MSC	On solenoid valve via M3 central screw	19146	MC-LD-230AC
			19145	MC-LD-12-24DC

Cover cap

	Material cover cap	Part no.	Type
	POM	8028240	VAMC-B10-20-CH2

Silencer U

	Pneumatic connection	Part no.	Type
	G1/4	6842	U-1/4-B
		2316	U-1/4
		534223	U-1/4-20
	1/4 NPT	12639	U-1/4-B-NPT

Accessories

Screw set				
	Size	Material screws	Part no.	Type
	M5	High-alloy steel	8105115	VAME-B14-S-M5