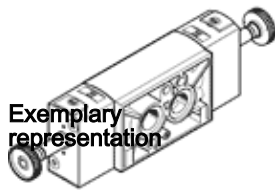


# solenoid valve VSNC

Part number: 8026033

FESTO

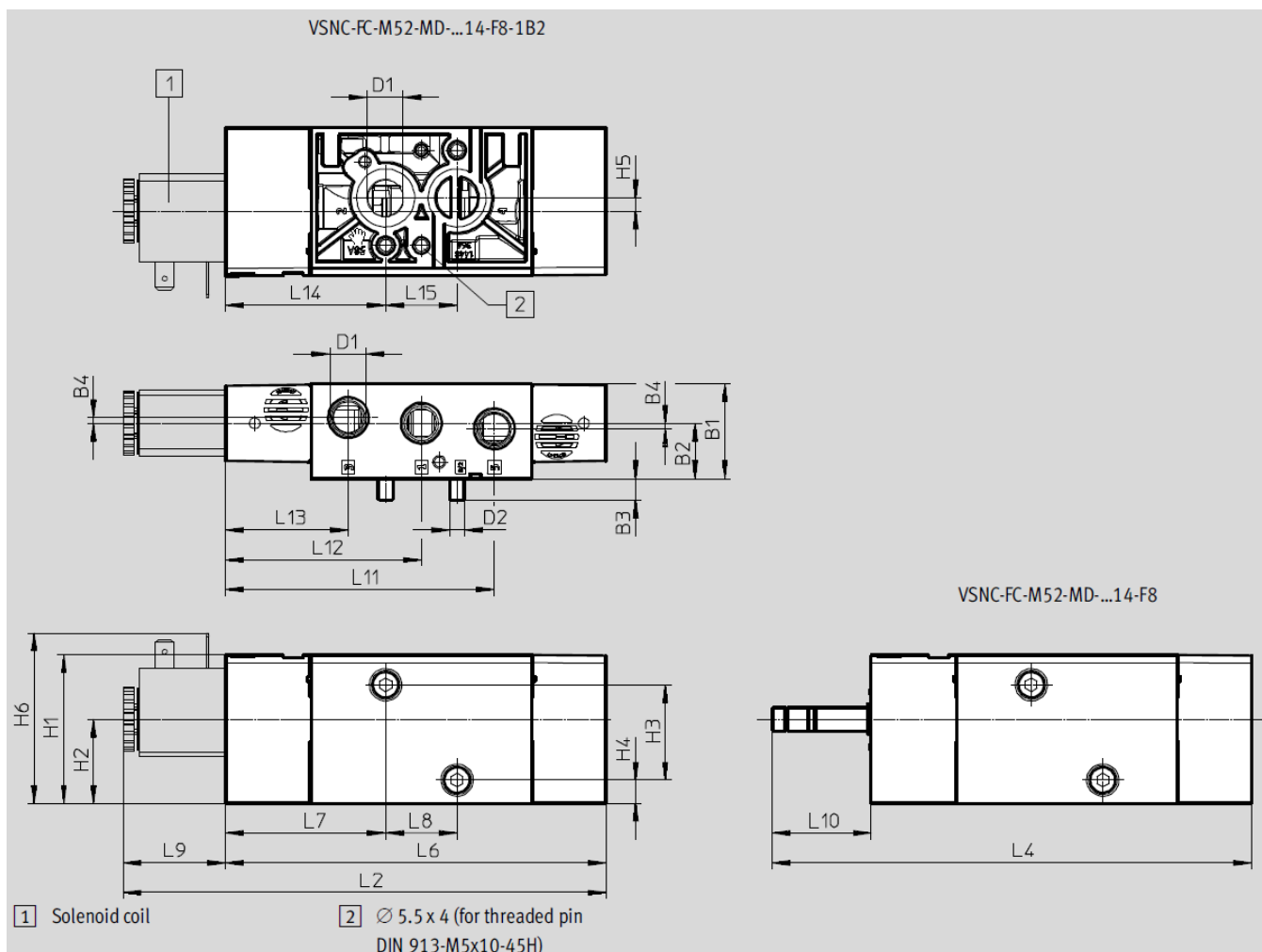


## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	5/2 bistable 5/2 or 3/2, convertible 5/3 pressurised 5/3 exhausted 5/3 closed
Type of actuation	electrical
Width	32 mm
Standard nominal flow rate	800 ... 1,350 l/min
Operating pressure	1.5 ... 10 bar
Design structure	Piston slide Poppet seat
Type of reset	mechanical spring
Protection class	IP65 IP67 to IEC 60529 with plug socket
Authorisation	c UL us - Recognized (OL)
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Signal status display	with accessories
Duty cycle	100%
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX) to EU directive low-voltage devices
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Medium temperature	-20 ... 60 °C
Ambient temperature	-20 ... 60 °C
Mounting type	with through hole
Scavenging orifice connection	Non-ducted
Pneumatic connection, port 1	QS-5/16 G1/4 NPT1/4-18 QS-6 QS-8 QS-10 QS-1/4 QS-3/8

Feature	Value
Pneumatic connection, port 2	NAMUR port pattern
Pneumatic connection, port 3	G1/4 NPT1/4-18 QS-6 QS-10 QS-1/4 QS-5/16 QS-3/8 QS-8
Pneumatic connection, port 4	NAMUR port pattern
Pneumatic connection, port 5	QS-3/8
Materials note	Conforms to RoHS
Materials information for seals	NBR
Materials information, housing	Wrought Aluminium alloy
Screw material data	High alloy steel, non-corrosive



Type	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	G1/4	M5	49.9	28.2	32	7.8	4.4	-
VSNC-FC-M52-MD-N14-F8					NPT1/4-18							
VSNC-FC-M52-MD-G14-F8-1B2					G1/4							

Type	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												