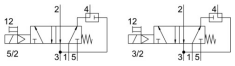
Solenoid valve
VSNC-FC-M52-MD-G14-FN-3AA1+G

Part number: 8078399



Data sheet

Feature	Value
Valve function	5/2-way or 3/2-way, convertible
Type of actuation	Electric
Construction width	32 mm
Standard nominal flow rate	1250 l/min
pneumatic working port	NAMUR port pattern
Operating voltage	230 V AC
Operating pressure	2.5 bar ... 8 bar
Design	Piston gate valve
Type of reset	Mechanical spring
Certificate issuing authority	DNVGL-TAA000011J
Degree of protection	IP65 IP67 With plug socket To IEC 60529
Short type code	VSNC
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
Pilot air supply	Internal
Flow direction	Non-reversible
Symbol	00991831
lap	Positive overlap
Signal status display	With accessories
b value	0.4
C value	5.2 l/sbar
Standard nominal flow rate, exhaust return 4->3	110 l/min
Switching time off	92 ms
Switching time on	35 ms
Duty cycle	100%
Characteristic coil data	230 V AC: 50/60 Hz, pick-up power 6.2 VA, holding power 3.7 VA
Permissible voltage fluctuations	+/- 10 %

Feature	Value
Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
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)
Corrosion resistance class CRC	2 - Moderate corrosion stress
Media temperature	-20 °C ... 60 °C
Ambient temperature	-20 °C ... 60 °C
Product weight	415 g
Electrical connection	Type A To EN 175301-803
Type of mounting	With through-hole
Breather connection	Not ducted
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	NAMUR port pattern
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	NAMUR port pattern
Pneumatic connection, port 5	G1/4
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Wrought aluminium alloy
Material screws	High-alloy stainless steel