

Solenoid valve VSNC

Part number: 8026033

FESTO



Data sheet

Feature	Value
Valve function	5/2 double solenoid 5/2-way or 3/2-way, convertible 5/3-way, pressurised 5/3 exhausted 5/3 closed
Type of actuation	Electric
Standard nominal flow rate (standardised to DIN 1343)	800 l/min...1350 l/min
Operating pressure	1.5 bar...10 bar
Design	Piston gate valve Poppet seat
Type of reset	Mechanical spring
Approval	c UL us - Recognized (OL)
CE mark (see declaration of conformity)	To EU Explosion Protection Directive (ATEX) To EU Low Voltage Directive
Degree of protection	IP65 IP66 IP67 With plug socket To IEC 60529
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	Detenting None Non-detenting Covered
Type of piloting	Pilot actuated
Pilot air supply	Internal
Flow direction	Non-reversible
lap	Overlap Underlap
b value	0.4 ...0.5
C value	2.1 l/sbar...5.6 l/sbar
Standard nominal flow rate, exhaust return 4->3	110 l/min

Feature	Value
Switching time off	6 ms...120 ms
Switching time on	4 ms...35 ms
Switching time reversal	2 ms...55 ms
Duty cycle	100%
Characteristic coil data	110/120 V AC: 50/60 Hz, pick-up power 2.7 VA, holding power 1.9 VA 110/120 V AC: 50/60 Hz, pick-up power 4.4 VA, holding power 3.3 VA 110/120 V AC: 50/60 Hz, pick-up power 5.2 VA, holding power 3.1 VA 110/120 V AC: 50/60 Hz, pick-up power 6.9 VA, holding power 3.1 VA 110 V AC: 50/60 Hz, pick-up power 7.7 VA, holding power 3.8 VA 120 V AC: 60 Hz, pick-up power 10.0 VA, holding power 6.8 VA 12 V DC: 2.8 W 12 V DC: 3.4 W 230/240 V AC: 50/60 Hz, pick-up power 3.9 VA, holding power 2.8 VA 230/240 V AC: 50/60 Hz, pick-up power 5.8 VA, holding power 4.6 VA
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Corrosion resistance class CRC	2 - Moderate corrosion stress
Media temperature	-20 °C...60 °C
Ambient temperature	-20 °C...60 °C
Product weight	335 g...685 g
Electrical connection	3-pin Type A Type B Cable connector M20x1.5 M12x1, A-coded to EN 61076-2-101 Plugs To EN 175301-803 To industry standard (11 mm)
Type of mounting	With through-hole
Pneumatic connection, port 1	G1/4 1/4 NPT QS-6 QS-8 QS-10 QS-1/4 QS-5/16 QS-3/8
Pneumatic connection, port 2	NAMUR port pattern
Pneumatic connection, port 3	G1/4 1/4 NPT QS-6 QS-8 QS-10 QS-1/4 QS-5/16 QS-3/8
Pneumatic connection, port 4	NAMUR port pattern
Pneumatic connection, port 5	G1/4 1/4 NPT QS-6 QS-8 QS-10 QS-5/16 QS-1/4 QS-3/8
Note on materials	RoHS-compliant