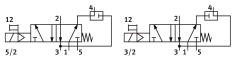
Solenoid valve
VSNC-FTC-M52-M-N14-F19A

Part number: 8116381





Data sheet

Feature	Value
Valve function	5/2-way or 3/2-way, convertible
Type of actuation	Electrical
Construction width	32 mm
Standard nominal flow rate (standardised to DIN 1343)	800 l/min
pneumatic working port	Connection pattern to NAMUR
Operating voltage	Via solenoid coil, must be ordered separately
Operating pressure	0.25 MPa...0.8 MPa 2.5 bar...8 bar
Design	Poppet seat
Type of reset	Mechanical spring
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Conforms to standard	VDI/VDE 3845 (NAMUR)
Manual override	None
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	Non-reversible
lap	Underlap
Standard nominal flow rate, exhaust return 4->3	110 l/min
Switching time off	380 ms
Switching time on	435 ms
Duty cycle	100%
Characteristic coil data	See solenoid coil, to be ordered separately
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
LABS (PWIS) conformity	VDMA24364-B2-L
Media temperature	-20 °C...60 °C
Ambient temperature	-20 °C...60 °C
Product weight	478 g

Feature	Value
Type of mounting	With through-hole
Breather connection	Not ducted
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	Connection pattern to NAMUR
Pneumatic connection, port 3	1/4 NPT
Pneumatic connection, port 4	Connection pattern to NAMUR
Pneumatic connection, port 5	1/4 NPT
Note on materials	RoHS compliant
Material seals	NBR
Material housing	Wrought aluminium alloy
Material screws	Galvanised steel