Solenoid valve VSVA

Part number: 546691





Data sheet

2x3/2-way, open, monostable 2x3/2-way, open, monostable 2x3/2-way, open, monostable 5x3/2-way, monostable 5x3-way, pressurised 5	Feature	Value
Valve size 18 mm 26 mm 26 mm Standard nominal flow rate (standardised to DIN 1343) 400 l/min1400 l/min pneumatic working port Sub-base size 18 mm to ISO 15407-1 Sub-base size 26 mm to ISO 15407-1 Sub-base size 20 to VDMA 24563 Sub-base size 02 to VDMA 24563 G1/8 G1/8 G1/4 Operating voltage 110V AC 12V DC 230V AC 24V AC 24V DC Operating pressure -0.9 MPa1.6 MPa -0.9 bar16 bar Design Piston gate valve Mechanical spring Pneumatic spring Pneuma	Valve function	2x3/2-way, monostable, closed 2x3/2-way, open, monostable 2x3/2-way, open/closed, monostable 5/2 bistable 5/2-way, bistable, dominant 5/2-way, monostable 5/3-way, pressurised 5/3 exhausted
Standard nominal flow rate (standardised to DIN 1343) 400 l/min1400 l/min Sub-base size 18 mm to ISO 15407-1 Sub-base size 26 mm to ISO 15407-1 Sub-base size 20 1 to VDMA 24563 Sub-base size 02 to VDMA 24563 Sub-base size 02 to VDMA 24563 G1/8 G1/4 Operating voltage 110V AC 12V DC 230V AC 24V AC 24V DC Operating pressure -0.09 MPa1.6 MPa -0.9 bar16 bar Design Piston gate valve Mechanical spring Pneumatic spring CE mark (see declaration of conformity) To EU Low Voltage Directive UKCA marking (see declaration of conformity) To UK regulations for electrical equipment Degree of protection IP65 NEMA 4 Exhaust-air function With flow control option Sealing principle	Type of actuation	Electric
Sub-base size 18 mm to ISO 15407-1 Sub-base size 26 mm to ISO 15407-1 Sub-base size 20 to VDMA 24563 Sub-base size 02 to VDMA 24563 G1/8 G1/4 Operating voltage 110V AC 12V DC 230V AC 24V AC 24V DC Operating pressure -0.09 MPa1.6 MPa -0.9 bar16 bar Piston gate valve Type of reset Mechanical spring Pneumatic spring Pneumatic spring CE mark (see declaration of conformity) To EU Low Voltage Directive UKCA marking (see declaration of conformity) To UK regulations for electrical equipment Degree of protection IP65 NEMA 4 Exhaust-air function Sealing principle Soft	Valve size	······
Sub-base size 26 mm to ISO 15407-1 Sub-base size 01 to VDMA 24563 Sub-base size 02 to VDMA 24563 G1/8 G1/4 Operating voltage 110V AC 12V DC 230V AC 24V AC 24V DC Operating pressure -0.09 MPa1.6 MPa -0.9 bar16 bar Design Piston gate valve Type of reset Mechanical spring Pneumatic spring Pneumatic spring Pneumatic spring CE mark (see declaration of conformity) To EU Low Voltage Directive UKCA marking (see declaration of conformity) To UK regulations for electrical equipment Degree of protection IP65 NEMA 4 Exhaust-air function With flow control option Sealing principle Soft	Standard nominal flow rate (standardised to DIN 1343)	400 l/min1400 l/min
12V DC 230V AC 24V AC 24V DC Operating pressure -0.09 MPa1.6 MPa -0.9 bar16 bar Design Piston gate valve Type of reset Mechanical spring Pneumatic spring Pneumatic spring CE mark (see declaration of conformity) To EU Low Voltage Directive UKCA marking (see declaration of conformity) To UK regulations for electrical equipment Degree of protection IP65 NEMA 4 Exhaust-air function With flow control option Sealing principle Soft	pneumatic working port	Sub-base size 26 mm to ISO 15407-1 Sub-base size 01 to VDMA 24563 Sub-base size 02 to VDMA 24563 G1/8
-0.9 bar16 bar Design Piston gate valve Type of reset Mechanical spring Pneumatic spring CE mark (see declaration of conformity) To EU Low Voltage Directive UKCA marking (see declaration of conformity) To UK regulations for electrical equipment Degree of protection IP65 NEMA 4 Exhaust-air function With flow control option Sealing principle Soft	Operating voltage	12V DC 230V AC 24V AC
Type of reset Mechanical spring Pneumatic spring CE mark (see declaration of conformity) To EU Low Voltage Directive UKCA marking (see declaration of conformity) To UK regulations for electrical equipment IP65 NEMA 4 Exhaust-air function With flow control option Sealing principle Soft	Operating pressure	
Pneumatic spring CE mark (see declaration of conformity) To EU Low Voltage Directive UKCA marking (see declaration of conformity) To UK regulations for electrical equipment IP65 NEMA 4 Exhaust-air function With flow control option Sealing principle Soft	Design	Piston gate valve
UKCA marking (see declaration of conformity) Degree of protection IP65 NEMA 4 Exhaust-air function With flow control option Sealing principle Soft	Type of reset	
Degree of protection IP65 NEMA 4 Exhaust-air function With flow control option Sealing principle Soft	CE mark (see declaration of conformity)	To EU Low Voltage Directive
NEMA 4 Exhaust-air function With flow control option Sealing principle Soft	UKCA marking (see declaration of conformity)	To UK regulations for electrical equipment
Sealing principle Soft	Degree of protection	
	Exhaust-air function	With flow control option
Mounting position optional	Sealing principle	Soft
	Mounting position	optional

Feature	Value
Conforms to standard	ISO 15407-1 VDMA 24563
Type of piloting	Pilot actuated
lap	Overlap
Signal status display	LED
Pilot pressure	0.3 MPa1 MPa 3 bar10 bar
Duty cycle	100%
Permissible voltage fluctuations	-15%/+10%
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	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-5 °C50 °C
Relative air humidity	0 - 90%
Sound pressure level	85 dB(A)
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C50 °C
Type of mounting	On sub-base
Pilot exhaust port 82/84	Ducted Not ducted as per standard
Pilot control interface	To ISO 15218
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Die-cast aluminium
Material screws	Steel Galvanised