Solenoid valve
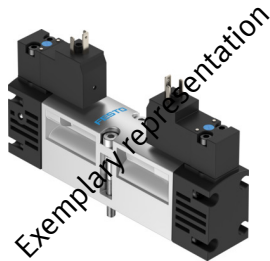## VSVA
Part number: 546691

Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	2x2/2-way, monostable, closed 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 5/3 closed
Type of actuation	Electric
Valve size	18 mm
Standard nominal flow rate (standardised to DIN 1343)	400 l/min ... 1400 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 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 MPa ... 1.6 MPa
Operating pressure	-0.9 bar ... 16 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
Mounting position	optional
Conforms to standard	ISO 15407-1 VDMA 24563
Type of piloting	Pilot actuated
lap	Overlap
Signal status display	LED

Feature	Value
Pilot pressure	0.3 MPa ... 1 MPa
Pilot pressure	3 bar ... 10 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 °C ... 50 °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 °C ... 50 °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