

Soft start/quick exhaust valve MS9-SV

Part number: 562176

FESTO



Data sheet

Feature	Value
Series	MS
Size	9
Width dimension	90 mm
Safety function	Exhausting
Performance Level (PL)	Exhaust/up to category 1, performance level c
Structural design	Piston gate valve
Actuation type	Electrical
Sealing principle	Soft
Exhaust air function	Cannot be throttled
Manual override	None At pilot control air solenoid valve: non-detenting, at soft start/quick exhaust valve: detenting, self-resetting
Reset method	Mechanical spring
Type of control	Piloted
Valve function	3/2-way, closed, monostable Pressurization function
Operating pressure	0.35 MPa...1.6 MPa 3.5 bar...16 bar
Pressure gauge	Set up for G1/4 Set up for G1/8 Red/green scale With pressure sensor with pressure gauge With switching indicator
Normal nominal flow rate (normalized to DIN 1343)	8300 l/min...16550 l/min
Duty cycle	100%
Coil characteristics	110 V AC: 50/60 Hz, initial power 14.5 VA, holding power 10.5 VA 230 V AC: 50/60 Hz, initial power 14.5 VA, holding power 10.5 VA 24 V DC: 2.7 W 24 V DC: 8.4 W
Nominal operating voltage DC	110 V 230 V 24 V
Permissible voltage fluctuations	+/- 10%
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]

Feature	Value
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 7 according to ISO 14644-1
Degree of protection	IP65
Temperature of medium	0 °C...60 °C
Ambient temperature	0 °C...60 °C
Storage temperature	0 °C...60 °C
Shock resistance	Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 1 as per FN 942017-4 and EN 60068-2-6
Certification	c UL us - recognized (OL)
CE marking (see declaration of conformity)	As per EU EMC directive as per EU machinery directive As per EU RoHS directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK instructions for machines To UK RoHS instructions
Type of mounting	Alternatively: In-line installation With accessories
Mounting position	Any
Pressure gauge connection	G1/8 G1/4
Electrical connection	Type A Plug As per EN 175301-803 Rectangular design
Housing material	Die-cast aluminum
Seals material	NBR
Piston slide material	Brass
Cover material	Wrought aluminum alloy
Lower cover material	PA