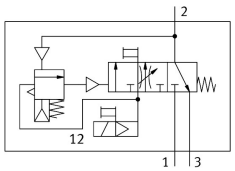
Soft start/quick exhaust valve
MS6-SV-1/2-C-10V24-S

Part number: 8001469





Data sheet

Feature	Value
Series	MS
Size	6
Width dimension	62 mm
Safety function	Exhausting Prevention of unexpected start-up (pressurization)
Performance Level (PL)	Exhaust/category 1, performance level c Avoidance of unexpected start-up (pressurization)/category 1, performance level c
Note on forced dynamization	Switching frequency at least once a month
Structural design	Piston gate valve
Lap	Positive overlap
Actuation type	Electrical
Pilot air supply port	Internal
Sealing principle	Soft
Exhaust air function	Cannot be throttled
Conforms to standard	DIN EN ISO 13849-1 DIN EN ISO 13849-2
Manual override	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	0.3 MPa...1 MPa 3 bar...10 bar
C value	23.2 l/sbar
b-value	0.4
Normal nominal flow rate (normalized to DIN 1343)	5700 l/min
Standard flow rate exhaust 6-> 0 bar	7600 l/min
Switching time off	65 ms
On switching time	370 ms
Duty cycle	100%
Coil characteristics	24 V DC: 1.8 W

Feature	Value
Permissible voltage fluctuations	+/- 10%
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
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
Degree of protection	IP65 With plug socket
Temperature of medium	0 °C...60 °C
Ambient temperature	0 °C...60 °C
Storage temperature	-10 °C...60 °C
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
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
For use in the food industry	See supplementary material information
Type of mounting	Alternatively: In-line installation With accessories
Mounting position	Any
Product weight	1006 g
Pneumatic connection 1	G1/2
Pneumatic connection 2	G1/2
Pneumatic connection 3	G3/4
Electrical connection	2-pin Type C Plug As per EN 175301-803
Housing material	Die-cast aluminum
Seals material	NBR
Piston rod material	high-alloy stainless steel