

Soft start/quick exhaust valve MS6N-SV

Part number: 548714

FESTO



Data sheet

Feature	Value
Series	MS
Size	6
Width dimension	62 mm
Safety function	Exhausting Prevention of unexpected start-up (pressurization)
Note on forced dynamization	Switching frequency at least once a month
Structural design	Piston gate valve Piston seat
Actuation type	Electrical
Pilot air supply port	Internal
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 At pilot control air solenoid valve: non-detenting, 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
Pressure gauge	Set up for G1/4 Set up for G1/8 Red/green scale With pressure sensor with pressure sensor with LCD display with pressure sensor with switching indicator with pressure gauge
Normal nominal flow rate (normalized to DIN 1343)	4300 l/min...5700 l/min
Duty cycle	100%
Signal status display	LED Floating contact Switching outputs
Coil characteristics	110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA

Feature	Value
	230 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA 24 V DC: 1.5 W 24 V DC: 1.8 W
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	-10 °C...60 °C
Ambient temperature	-10 °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
Certification	RCM compliance mark c UL us - recognized (OL)
KC characters	KC-EMV
CE marking (see declaration of conformity)	As per EU EMC directive as per EU machinery directive As per EU low voltage 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
Certificate issuing authority	01/205/5999.06/26
For use in the food industry	See supplementary material information
Type of mounting	Alternatively: In-line installation With accessories
Mounting position	Any
Housing material	Die-cast aluminum
Seals material	NBR
Piston rod material	high-alloy stainless steel