

Soft start/quick exhaust valve MS6(N)-SV

Part number: 548713

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

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	Without flow control option
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	Pilot-controlled
Valve function	Pressure build-up function
Operating pressure	0.3 MPa ... 1 MPa
Operating pressure	3 bar ... 10 bar
Pressure gauge	G1/4 prepared G1/8 prepared Red-green scale with pressure sensor with pressure sensor with LCD display with pressure sensor with switching indicator with pressure gauge
Standard nominal flow rate	4300 l/min ... 5700 l/min
Duty cycle	100%
Signal status display	LED Floating contact Switching outputs Via AS-i
Coil characteristics	110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA 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]

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
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 EMC
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	IFA 1001180 Intertek UK-MCR-0086 German Technical Control Board (TÜV) 44 799 12 556236 000
For use in the food industry	See supplementary material information
Type of mounting	With accessories
Mounting position	Any
Housing material	Die-cast aluminum
Seals material	NBR
Piston rod material	High-alloy stainless steel