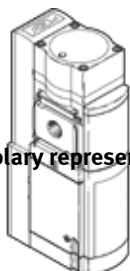


soft-start/quick exhaust valve MS6N-SV

Part number: 548714

FESTO

With NPT thread



Exemplary representation

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Series	MS
Size	6
Grid dimension	62 mm
Safety function	Exhausting Prevention of unexpected start-up (pressurisation)
Note on forced dynamisation	Switching frequency min. 1/month
Design structure	Piston slide Piston seat
Type of actuation	electrical
Pilot air supply	Internal
Sealing principle	soft
Exhaust-air function	not throttleable
Manual override	None On pilot-solenoid valves: non-detenting with pressure build-up and exhaust valve: detenting, self-resetting On pilot-solenoid valves: non-detenting, detenting with pressure build-up and exhaust valve: detenting, self-resetting
Type of reset	mechanical spring
Type of piloting	Piloted
Valve function	3/2 closed, monostable Pressure build-up function
Operating pressure MPa	0.3 ... 1 MPa
Operating pressure	3 ... 10 bar
Pressure gauge	Prepared for G1/4 Prepared for G1/8 Red/green scale with pressure sensor with pressure sensor with LCD display with pressure sensor with operational status indicator with pressure gauge
Standard nominal flow rate	4,300 ... 5,700 l/min
Duty cycle	100 %
Signal status display	LED Floating contact Switching outputs via AS-i
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA 24 V DC: 1.5 W 24 V DC: 1.8 W
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]

Feature	Value
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364-B2-L
Protection class	IP65 with plug socket
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Storage temperature	-10 ... 60 °C
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Authorisation	RCM Mark c UL us - Recognized (OL)
KC mark	KC-EMV
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive for machinery to EU directive low-voltage devices
Certificate issuing department	IFA 1001180 TÜV 44 799 12 556236 000
Food-safe	See Supplementary material information
Mounting type	Line installation with accessories Optional
Assembly position	Any
Material housing	Aluminium die cast
Material seals	NBR
Material piston rod	High alloy steel, non-corrosive