Soft start/quick exhaust valve
MS6N-SV
Part number: 548714

Data sheet

Feature	Value
Series	MS
Size	6
Grid dimension	62 mm
Safety function	Exhaust Prevention of unexpected start-up (pressurisation)
Note on forced dynamization	Switching frequency min. 1/month
Design	Piston gate valve Piston seat
Type of actuation	Electric
Pilot air supply	Internal
Sealing principle	Soft
Exhaust-air function	Without flow control option
Manual override	None On pilot solenoid valves: non-detenting; on soft-start/quick exhaust valve: detenting, self-resetting On pilot solenoid valves: non-detenting, detenting; on soft-start/quick exhaust valve: detenting, self-resetting
Type of reset	Mechanical spring
Type of piloting	Pilot actuated
Valve function	3/2-way, closed, monostable Soft-start function
Operating pressure	0.3 MPa...1 MPa 3 bar...10 bar
Pressure gauge (ANALOG) or Pressure display (DIGITAL)	Prepared for G1/4 Prepared for G1/8 Red/green scale Via pressure sensor With pressure sensor with LCD display With pressure sensor with operational status indicator With pressure gauge
Standard nominal flow rate (standardised to DIN 1343)	4300 l/min...5700 l/min
Duty cycle	100%
Signal status display	LED Floating contact Switching outputs Via AS-i

Feature	Value
Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3.0 VA, holding power 2.4 VA 230 V AC: 50/60 Hz, pick-up 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 to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
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
Media temperature	-10 ºC...60 ºC
Ambient temperature	-10 ºC...60 ºC
Storage temperature	-10 ºC...60 ºC
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Approval	RCM trademark c UL us - Recognized (OL)
KC mark	KC-EMV
CE mark (see declaration of conformity)	To EU EMC Directive To EC Machinery Directive To EU Low Voltage Directive In accordance with EU RoHS Directive
UKCA marking (see declaration of conformity)	To UK instructions for EMC To UK regulations for machines To UK RoHS instructions
Certificate issuing authority	IFA 1001180 Intertek UK-MCR-0086 TÜV 44 799 12 556236 000
Suitable for use with food	See supplementary material information
Type of mounting	In-line installation With accessories Either:
Mounting position	optional
Material housing	Die-cast aluminium
Material seals	NBR
Material piston rod	High-alloy stainless steel