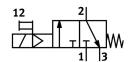
Shut off valve MS4N-EE-1/8-10V24-Z Part number: 542591

FESTO





General operating condition

Actuation type Electrical Exhaust air function Manual override Non-detenting Reset method Mechanical spring Type of control Pilot-controlled Symbol Operating pressure Jupe of control Operating of the street of the stree	Feature	Value
Exhaust air function Without flow control option Manual override Non-detenting Reset method Mechanical spring Type of control Symbol 00991008 Valve function 3/2, closed, monostable Operating pressure 4 bar 10 bar Lap Overlap C value 4.5 I/sbar D-value 0.5 Standard nominal flow rate 1000 I/min Duty cycle 100% Coil characteristics 24 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas 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 Temperature of medium 10°C 50°C For use in the food industry See supplementary material information Type of mounting position Any Row and a supplementary material information Non-reversible Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4 Product weight Product weight Product weight Preumatic connection 3 G1/4 Preumatic connection 3 G1/4	Structural design	Piston gate valve
Manual override Reset method Mechanical spring Type of control Type of control Pilot-controlled Symbol Operating pressure 4 bar 10 bar C value D value Operating flow rate Duty cycle Coil characteristics Operating medium Information on operating and pilot media Operating stance class (CRC) D 2 - Moderate corrosion stress Note on materials LABS (PWIS) conformity Temperature of medium Prof use in the food industry Type of mounting Douting pressure Operating pressure A bar 10 bar Any Rohl-Coil Characteristics Dave to the control of the	Actuation type	Electrical
Resel method Mechanical spring Type of control Pilot-controlled Symbol 00991008 Valve function 3/2, closed, monostable Operating pressure 4 bar 10 bar Lap Overlap C value 4.5 1/sbar b-value 0.5 Standard nominal flow rate 1000 l/min Duty cycle 1000% Coil characteristics 24 V Dc: 1.8 W Operating medium Competating 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 Temperature of medium 1:0 °C 50 °C Degree of protection Piess Ambient emperature 1:0 °C 50 °C Degree of protection Piess For use in the food industry See supplementary material information Type of mounting position Any Flow direction Non-reversible Product weight Product weight Preumatic connection 2 Pheumatic connection 2 Pheumatic connection 2 Pheumatic connection 2 Pheumatic connection 3 G1/4 Preumatic connection 3 G1/4 Preumatic connection 3 Pilos Time Amperature Approach Serversible Preumatic connection 2 Preumatic connection 3 G1/4	Exhaust air function	Without flow control option
Type of control Symbol Operating pressure Lap Overlap C value A-5 l/sbar b-value Operating and pilot media Operating and pilot media Robers on materials Robers or meterials Robers or motion Note on materials Robers or motion Robers or motion Degree of protection Ambient temperature For use in the food industry Type of mounting Dout product weight Product weight Product weight Presumatic connection 2 Preumatic connection 3 Poverage As ar. 10 bar Apr Abar 10 bar Apr Abr 10 bar Apr Abar 10 bar Apr Abr	Manual override	Non-detenting
Symbol 00991008 Valve function 3/2, closed, monostable Operating pressure 4 bar 10 bar Lap Overlap C value 4.5 l/sbar b-value 0.5 Standard nominal flow rate 1000 l/min Duty cycle 100% Coil characteristics 24 VDC: 1.8 W Operating medium Comperating 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 Temperature of medium -10°C 50°C Degree of protection 1P65 Ambient temperature -10°C 50°C For use in the food industry See supplementary material information Type of mounting With accessories Mounting position Any Product weight 273 g Preduct weight 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Reset method	Mechanical spring
Avalve function 3 /2, closed, monostable Operating pressure 4 bar 10 bar Overlap C value 4.5 l/sbar b-value 0.5 Standard nominal flow rate Duty cycle Coil characteristics 24 V Dc: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas 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 Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Optionally: Line installation With accessories Mounting position Flow direction Non-reversible Product weight Preumatic connection 1 1/8 NPT Pneumatic connection 2 Preumatic connection 3 G1/4	Type of control	Pilot-controlled
Operating pressure 4 bar 10 bar Overlap C value 4.5 l/sbar b-value 0.5 Standard nominal flow rate 1000 l/min Duty cycle 100% Coil characteristics 24 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas 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 VDMA24364-B1/B2-L Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C See supplementary material information Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Preumatic connection 2 1/8 NPT Pneumatic connection 2 IP8 NPT Pneumatic connection 3 G1/4	Symbol	00991008
C value 4.5 l/sbar b-value 0.5 Standard nominal flow rate 1000 l/min Duty cycle 100% Coil characteristics 24 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas 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 Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature For use in the food industry See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pheumatic connection 2 1/8 NPT Pheumatic connection 3 G1/4	Valve function	3/2, closed, monostable
A.5 I/Sbar b-value 0.5 Standard nominal flow rate 1000 I/min 100% Coil characteristics 24 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas 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 Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Type of mounting Mounting position Any Flow direction Non-reversible Product weight Product weight Product connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Operating pressure	4 bar 10 bar
b-value 0.5 Standard nominal flow rate 1000 l/min Duty cycle 100% Coil characteristics 24 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas 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 Temperature of medium -10°C 50°C Degree of protection IP65 Ambient temperature -10°C 50°C For use in the food industry See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Lap	Overlap
Standard nominal flow rate Duty cycle Coil characteristics 24 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 2 - Moderate corrosion stress RoHS-compliant LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	C value	4.5 l/sbar
Duty cycle Coil characteristics 24 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas 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 Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Type of mounting Uptionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Product weight Preumatic connection 1 1/8 NPT Pneumatic connection 2 Pneumatic connection 3 G1/4	b-value	0.5
Coil characteristics 24 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas 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 Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Type of mounting Uptionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Product weight Preumatic connection 1 1/8 NPT Pneumatic connection 2 Pneumatic connection 3 G1/4	Standard nominal flow rate	1000 l/min
Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Information on operating and pilot media Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion stress Note on materials RoHS-compliant LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Product weight Product connection 1 1/8 NPT Pneumatic connection 2 Pneumatic connection 3 Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion stress RoHS-compliant VDMA24364-B1/B2-L -10 °C 50 °C See supplementary material information Optionally: Line installation With accessories Mon-reversible Product weight 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Duty cycle	100%
Inert gas 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 Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Product weight Product connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Coil characteristics	24 V DC: 1.8 W
Corrosion resistance class (CRC) 2 - Moderate corrosion stress RoHS-compliant VDMA24364-B1/B2-L Temperature of medium -10 °C 50 °C Degree of protection Ambient temperature For use in the food industry Type of mounting Mounting position Any Flow direction Product weight Product weight Pneumatic connection 2 Power of materials RoHS-compliant ROHS-compliant POMA24364-B1/B2-L -10 °C 50 °C PO C See supplementary material information Optionally: Line installation With accessories Non-reversible 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Operating medium	,
Note on materials LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 50 °C Degree of protection Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Product weight Product weight Preumatic connection 1 1/8 NPT Pneumatic connection 2 1/4 Pneumatic connection 3 ROHS-compliant VDMA24364-B1/B2-L POMA24364-B1/B2-L Any See Supplementary material information Optionally: Line installation With accessories Any Flow direction Non-reversible 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
LABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium -10 °C 50 °C Degree of protection Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Optionally: Line installation With accessories Mounting position Any Flow direction Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 -10 °C 50 °C Poc 50 °C See supplementary material information Any Non-reversible 1/8 NPT G1/4	Note on materials	RoHS-compliant
Degree of protection Ambient temperature For use in the food industry Type of mounting Mounting position Flow direction Product weight Product weight Preumatic connection 2 Pneumatic connection 3 IP65 -10 °C 50 °C See supplementary material information Optionally: Line installation With accessories Any Non-reversible 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 G1/4	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Temperature of medium	-10 °C 50 °C
For use in the food industry Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 G1/4	Degree of protection	IP65
Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 Type of mounting Optionally: Line installation With accessories Any Non-reversible 273 g Flow direction 1 1/8 NPT Flow direction 2 1/8 NPT Flow direction 3 G1/4	Ambient temperature	-10 °C 50 °C
Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	For use in the food industry	See supplementary material information
Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Type of mounting	Line installation
Product weight 273 g Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Mounting position	Any
Pneumatic connection 1 1/8 NPT Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Flow direction	Non-reversible
Pneumatic connection 2 1/8 NPT Pneumatic connection 3 G1/4	Product weight	273 g
Pneumatic connection 3 G1/4	Pneumatic connection 1	1/8 NPT
	Pneumatic connection 2	1/8 NPT
Pilot air supply port Internal	Pneumatic connection 3	G1/4
	Pilot air supply port	Internal

Feature	Value
	Form C Plug as per DIN EN 175301-803 Rectangular design
Seals material	NBR
Housing material	Die-cast aluminum