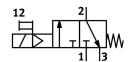
Shut off valve MS4N-EE-1/4-10V24-Z Part number: 542590

FESTO





General operating condition

Electrical Exhaust air function Minual override Manual override Mondetenting Mechanical spring Mype of control	Feature	Value
Exhaust air function Without flow control option Manual override Non-detenting Reset method Mechanical spring Type of control Pilot-controlled Symbol 00991008 Valve function 3/2, closed, monostable Operating pressure 4 bar 10 bar Cape of control 9.5 lybar Overlap C. value 9.5 lybar Overlap C. value 0.44 Standard nominal flow rate 2000 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] lnert 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 Tor use in the food industry See supplementary material information Profous flow in the food industry See supplementary material information Mounting position Any Mounting position Any Preduct weight 273 g Preduct weight 273 g Preduct weight 1/4 NPT Preumatic connection 3 G1/4 NPT	Structural design	Piston gate valve
Manual override Reset method Re	Actuation type	Electrical
Reset method Mechanical spring Type of control Type of control Pilot-controlled Opperating pressure Abar 10 bar Operating pressure Abar 10 bar Operating pressure Operating pressure Abar 10 bar C. value 9.5 1/sbar Opuble C. value 9.5 1/sbar Opuble Coil characteristics Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Operating and pilot media Operation with oil lubrication possible (required for further use) Operation on operating and pilot media Operation of medium ABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium 1:0 °C 50 °C Opered of protection Piess Operating the food industry Operating the food industry Operating medium Operating with oil lubrication possible (required for further use) Operating medium Operation on operating and pilot media Operation with oil lubrication possible (required for further use) Operation on operating and pilot media Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation on operating and pilot media Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lubrication possible (required for further use) Operation with oil lub	Exhaust air function	Without flow control option
Type of control Symbol O0991008 Alvalve function 3/2, closed, monostable Operating pressure A bar 10 bar Operating pressure Overlap Overl	Manual override	Non-detenting
Symbol 00991008 Valve function 3/2, closed, monostable Operating pressure 4 bar 10 bar Overlap C. value 9.5 l/sbar Ovalue 9.5 l/sbar Ovalue 0.44 Standard nominal flow rate 2000 l/min Outy cycle 100% Coil characteristics 24 V DC: 1.8 W Operating medium Competing 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 P65 Ambient temperature -10 °C 50 °C For use in the food industry See supplementary material information With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Preduct weight 273 g Prenumatic connection 2 1/4 NPT Prenumatic connection 3 G1/4 NPT	Reset method	Mechanical spring
Avalve function 3 /2, closed, monostable 4 bar 10 bar Overlap C value 9,5 l/sbar O-value 9,5 l/sbar O-value 0,44 Standard nominal flow rate Duty cycle 100% Coil characteristics 2 4 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Operating medium Corrosion resistance class (CRC) 2 - Moderate corrosion stress Note on materials ABS (PWIS) conformity VDMA24364-B1/B2-L Temperature of medium -10 °C 50 °C Degree of protection IP65 Ambient temperature -10 °C 50 °C Optionally: Line installation With accessories Mounting position Mounting position Mounting position Mounting position Product weight Preumatic connection 1 1/4 NPT Preumatic connection 2 I/4 NPT Preumatic connection 3 Overlap Overlap Overlap 3/2, closed, monostable Abar 10 bar Abar 10 bar Overlap Overl	Type of control	Pilot-controlled
Operating pressure 4 bar 10 bar Overlap C value 9.5 l/sbar Ovalue 0.44 Standard nominal flow rate 2000 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) Ocrosion resistance class (CRC) 2 - Moderate corrosion stress Note on materials RoHS-compliant VDMA24364-81/82-L Temperature of medium -10 °C 50 °C Degree of protection Ambient temperature -10 °C 50 °C Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Preumatic connection 1 1/4 NPT Preumatic connection 2 1/4 NPT Preumatic connection 2 I ANPT Preumatic connection 3 Oceration Ava Overlap Overlap Ava Ava Overlap Ava Overlap Ava Ava Degree of protection Any Preumatic connection 2 1/4 NPT Preumatic connection 3 Governance Overlap Over	Symbol	00991008
C value 9.5 l/sbar O-value 0.44 Standard nominal flow rate 0.44 Standard nominal flow rate 2000 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 Anbient temperature For use in the food industry See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any How direction Non-reversible Product weight 273 g Pheumatic connection 2 1/4 NPT Preumatic connection 3 G1/4	Valve function	3/2, closed, monostable
C value 9.5 l/sbar O-value 0.44 Standard nominal flow rate 2000 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 Mounting position Non-reversible Product weight 273 g Pheumatic connection 1 1/4 NPT Pheumatic connection 3 G1/4 Pheumatic connection 3 G1/4	Operating pressure	4 bar 10 bar
Devalue 0.44 Standard nominal flow rate 2000 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 1 1/4 NPT Pneumatic connection 2 1/4 NPT Pneumatic connection 3 G1/4	Lap	Overlap
Standard nominal flow rate Duty cycle Coil characteristics 24 V DC: 1.8 W Deparating 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 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 Presumatic connection 1 1/4 NPT Presumatic connection 2 Presumatic connection 3 G1/4	C value	9.5 l/sbar
Duty cycle Coil characteristics 24 V DC: 1.8 W 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 Wounting position Any Flow direction Non-reversible Product weight Preumatic connection 1 1/4 NPT Preumatic connection 2 Preumatic connection 3 Gordanne In 100% Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas 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 Flow Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Pressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Operation with oil lubrication possible (required for further use) 2 - Moderate corrosion 1 1/4 NPT Preumatic connection 3 Gordanne as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1.2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1.2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1.2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1.2010 [7:4:4] Inert gas Compressed air as per ISO 8573-1.2010	b-value	0.44
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 1 1/4 NPT Pneumatic connection 2 1/4 NPT Pneumatic connection 3 G1/4	Standard nominal flow rate	2000 l/min
Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Information on operating and pilot media 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 Preumatic connection 2 Preumatic 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 273 g Preumatic connection 1 1/4 NPT Preumatic connection 2 1/4 NPT Preumatic 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 Preumatic connection 1 1/4 NPT Preumatic connection 2 Preumatic 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 -10 °C 50 °C For use in the food industry Type of mounting Mounting position Any Flow direction Non-reversible Product weight Preumatic connection 1 1/4 NPT Preumatic connection 2 1/4 NPT Preumatic connection 3 ROHS-compliant 2 - Moderate corrosion stress ROHS-compliant AND Position 10 °C 50 °C See supplementary material information Optionally: Line installation With accessories Mon-reversible 273 g Preumatic connection 1 1/4 NPT Preumatic connection 2 1/4 NPT	Operating medium	
Note on materials 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 Preduct weight Preumatic connection 1 1/4 NPT Preumatic connection 2 1/4 NPT Preumatic connection 3 G1/4	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
ABS (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 Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 1/4 NPT Pneumatic connection 2 1/4 NPT Pneumatic connection 3 G1/4	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
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 Any Flow direction Product weight 273 g Preumatic connection 1 1/4 NPT Preumatic connection 2 Preumatic connection 3 -10 °C 50 °C Preumatic connection 1 IP65 Any See supplementary material information Optionally: Line installation With accessories Any In MPT Freumatic connection 2 1/4 NPT Freumatic connection 3 G1/4	Note on materials	RoHS-compliant
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 Product weight Preumatic connection 1 1/4 NPT Preumatic connection 2 1/4 NPT Preumatic connection 3 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 1/4 NPT Pneumatic connection 2 1/4 NPT Pneumatic connection 3 G1/4	Temperature of medium	-10 °C 50 °C
For use in the food industry See supplementary material information Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Preumatic connection 1 1/4 NPT Preumatic connection 2 G1/4 Flow direction 3 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 1/4 NPT Pneumatic connection 2 1/4 NPT Pneumatic connection 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 1/4 NPT Pneumatic connection 2 1/4 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 1/4 NPT Pneumatic connection 2 1/4 NPT Pneumatic connection 3 G1/4	Type of mounting	Line installation
Product weight 273 g Pneumatic connection 1 1/4 NPT Pneumatic connection 2 1/4 NPT Pneumatic connection 3 G1/4	Mounting position	Any
Pneumatic connection 1 1/4 NPT Pneumatic connection 2 1/4 NPT Pneumatic connection 3 G1/4	Flow direction	Non-reversible
Pneumatic connection 2 1/4 NPT Pneumatic connection 3 G1/4	Product weight	273 g
Pneumatic connection 3 G1/4	Pneumatic connection 1	1/4 NPT
	Pneumatic connection 2	1/4 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