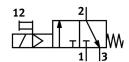
Shut off valve MS4-EE-1/4-10V24-Z Part number: 542579

FESTO





General operating condition

Actuation type Electrical Exhaust air function Manual override Manual override Mondetenting Reser method Mechanical spring Rype of control Pilot-controlled Symbol Operating pressure A bar 10 bar Lap Overlap C value 9.5 l/sbar D-value Standard nominal flow rate Duty cycle Coil characteristics Operating medium Inormation on operating and pilot media Operating and pilot media Corrosion resistance class (CRC) Note on materials RABS (PWIS) conformity Remeature of medium Degree of protection Ambient temperature For use in the food industry Type of mounting Mondet of the special services of the special	Feature	Value
Exhaust air function Without flow control option Manual override Non-detenting Reset method Mechanical spring Type of control Symbol Opp91008 Valve function 3/2, closed, monostable Operating pressure 4 bar 10 bar Lap Overlap C value 9.5 l/sbar b-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 For use in the food industry See supplementary material information Type of mounting position Any Row direction Non-reversible Product weight 273 g Pneumatic connection 3 G1/4 Prenumatic connection 3 G1/4 Prenumatic connection 3 G1/4 Prenumatic connection 3 G1/4	Structural design	Piston gate valve
Manual override Reset method Mechanical spring Type of control Symbol Operating pressure Lap Operating pressure Lap Overlap C value Ob-value Obeyale Standard nominal flow rate Duty cycle Coil characteristics Operating medium Information on operating and pilot media Corrosion resistance class (CRC) Oxote on materials LABS (PWIS) conformity VDMA24364-81/B2-1 Temperature of medium Information in the food industry See supplementary material information Optionally: Line installation Whon-reversible Product weight Preumatic connection 1 Preumatic connection 2 Preumatic connection 2 Preumatic connection 3 Preumatic connection 3 Page 100991008 Non-reversible Preumatic connection 2 Preumatic connection 3 Page 100909 Non-reversible Preumatic connection 2 Preumatic connection 3 Prelumatic connection 3 Prelumatic connection 3 Page 2014 Preumatic connection 3 Prelumatic connection 4 Prelumati	Actuation type	Electrical
Reset method Type of control Pilot-controlled Symbol Opp1008 Valve function 3/2, closed, monostable Operating pressure 4 bar 10 bar Lap Overlap C value 9.5 1/sbar b-value Standard nominal flow rate Duty cycle 100% Coil characteristics 22 4 V DC: 1.8 W Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Note on materials RoHS-compliant LABS (PWIS) conformity 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 Flow direction Mounting position Mounting position Product weight Preumatic connection 2 Preumatic connection 3 Mounting Position Product weight Preumatic connection 2 Preumatic connection 3 Garda Mounting Position Preumatic connection 2 Preumatic connection 3 Garda Mounting Control Preumatic connection 2 Preumatic connection 3 Garda Mechanical spring Pilot-controlled Operation Information Overlap Question Any Preumatic connection 2 Preumatic connection 3 Mechanical spring Pilot-controlled Overlap Question Overlap Question Overlap Question Overlap Question Overlap Question Overlap Question Overlap Overlap Question Overlap Question Overlap Overla	Exhaust air function	Without flow control option
Type of control Symbol O0991008 3/2, closed, monostable Operating pressure Lap Overlap C value 9.5 l/sbar b-value Standard nominal flow rate Duty cycle Coli characteristics Operating medium Corrosion resistance class (CRC) Note on materials RABS (PWIS) conformity V DMA24364-B1/B2-L Temperature of medium Degree of protection Ambient temperature For use in the food industry See supplementary material information Type of mounting Mounting position Mounting position House in the food industry Preumatic connection 1 Preumatic connection 2 Preumatic connection 2 Preumatic connection 2 Preumatic connection 3 Poveration operation 2 Preumatic connection 2 Preumatic connection 3 Poverating modera Operating medium Operating medium Operating medium Operating medium Operating medium Operating medium Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (required for further use) Operating with oil lubrication possible (r	Manual override	Non-detenting
Symbol 00991008 Valve function 3/2, closed, monostable Operating pressure 4 bar 10 bar Lap Overlap C value 9.5 1/sbar b-value 0.44 Standard nominal flow rate 2000 1/min Duty cycle 100% 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 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 273 g Preduct weight 61/4 Pheumatic connection 2 G1/4 Pheumatic connection 3 G1/4 Pheumatic connection 3 G1/4	Reset method	Mechanical spring
Avalve function 3 /2, closed, monostable Operating pressure 4 bar 10 bar Overlap C value 9,5 l/sbar b-value 0,44 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 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 Anhient 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 Prepuratic connection 1 G1/4 Pneumatic connection 2 G4/4 Pneumatic connection 3 G4/4 Pneumatic connection 3 G6/4 Pneumatic connection 3 G6/4	Type of control	Pilot-controlled
Operating pressure 4 bar 10 bar Overlap C value 9.5 l/sbar 0.44 Standard nominal flow rate 0.044 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 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 Flow direction Non-reversible Product weight Preumatic connection 1 G1/4 Pneumatic connection 2 G4/4 Pneumatic connection 3 G4/4	Symbol	00991008
C value 9.5 l/sbar D-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 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 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4	Valve function	3/2, closed, monostable
C value 9,5 l/sbar b-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 Flow direction Non-reversible Product weight 273 g Pheumatic connection 2 G1/4 Pheumatic connection 3 G1/4 Pheumatic connection 3 G1/4	Operating pressure	4 bar 10 bar
b-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 Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 G1/4 Pneumatic connection 2 G3/4 Pneumatic connection 3 G1/4	Lap	Overlap
Standard nominal flow rate 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 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 1 G1/4 Pneumatic connection 2 G4/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	C value	9.5 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 G1/4 Pneumatic connection 2 Pneumatic connection 3 G1/4	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 Uptionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Product weight Product weight Product connection 1 G1/4 Pneumatic connection 2 Pneumatic connection 3 G1/4	Standard nominal flow rate	2000 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 G1/4 Pneumatic connection 2 Pneumatic connection 3 G1/4 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 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 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 -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 Preumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 RoHS-compliant 2 - Moderate corrosion stress RoHS-compliant Any Pomeumatic connection 3 2 - Moderate corrosion stress RoHS-compliant Any Pomeumatic connection 3 2 - Moderate corrosion stress RoHS-compliant Any Pomeumatic connection 3 2 - Moderate corrosion stress RoHS-compliant Any Pomeumatic connection 3 2 - Moderate corrosion stress RoHS-compliant Any Pomeumatic connection 3 Any See supplementary material information Optionally: Line installation With accessories Any Flow direction Any F	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 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	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 Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Product weight Preumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	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 Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic 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 Non-reversible Product weight 273 g Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic 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 Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 273 g Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 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 Preumatic connection 1 G1/4 Pneumatic connection 2 Pneumatic connection 3 G1/4 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 G1/4 Pneumatic connection 2 G1/4 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 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	For use in the food industry	See supplementary material information
Flow direction Product weight Product connection 1 Pneumatic connection 2 Pneumatic connection 3 Non-reversible 273 g 61/4 61/4 G1/4 G1/4	Type of mounting	Line installation
Product weight 273 g Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Mounting position	Any
Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Flow direction	Non-reversible
Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Product weight	273 g
Pneumatic connection 3 G1/4	Pneumatic connection 1	G1/4
	Pneumatic connection 2	G1/4
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