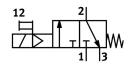
Shut off valve MS4-EE-1/4-10V24-S Part number: 542598

FESTO





General operating condition

Actuation type Electrical 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, monestable Operating pressure 4 bar 10 bar Lap 0verlap 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 Competing and pilot media Operating with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 2 - Moderate corrosion stress Note on materials Rolfs (Rolfs) Rolfs (Rolfs) Rolfs (Rolfs) Camperature of medium 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 289 g Pneumatic connection 3 G1/4	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 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 For use in the food industry See supplementary material information Type of mounting 00ptionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 289 g Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4	Structural design	Piston gate valve
Manual override Reset method Mechanical spring Type of control Pilot-controlled Symbol O0991008 Valve function 3/2, closed, monostable Operating pressure 4 bar 10 bar C value Ob-value Overlap C value Ob-value Standard nominal flow rate Duty cycle Coil characteristics Operating medium Information on operating and pilot media Operation resistance class (CRC) Ozerosion resistance class (CRC) Ozerosion resistance of medium LABS (PWIS) conformity Temperature of medium 10 °C 50 °C Corrosion in the food industry See supplementary material information Type of mounting Opitical Flow in the food industry See Supplementary material information Opitical O	Actuation type	Electrical
Reset method Type of control Type of control Pilot-controlled Symbol O0991008 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 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 1:0 °C 50 °C Degree of protection Pies 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 connection 2 G1/4 Preumatic connection 3 G1/4 Preumatic connection 3 G1/4 Preumatic connection 3	Exhaust air function	Without flow control option
Type of control Symbol O0991008 Sylve function 3/2, closed, monostable Operating pressure Lap Overlap C value 9,5 l/sbar b-value 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 Note on materials ROBS (PWIS) conformity VDMA24364-B1/B2-1 Temperature of medium 10°C 50°C Degree of protection Ambient temperature For use in the food industry See supplementary material information Type of mounting Mounting position Flow direction Presumatic connection 1 Presumatic connection 2 Presumatic connection 3 Pilos Corroction Ary Presumatic connection 2 Pilos Cosed, monostable Operation Apr. Closed, monostable Operation Operating pressure Abar. 10 bar. Operating monostable Operating Description Ope	Manual override	Non-detenting
Symbol 00991008 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] Innert 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 RoH5-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 Preduct weight 289 g Preduct w	Reset method	Mechanical spring
Valve function 3 /2, closed, monostable Operating pressure 4 bar 10 bar Overlap C value 9,5 /5 bar D-value 0,44 Standard nominal flow rate 2000 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 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 Non-reversible Product weight Preumatic connection 1 G1/4 Pneumatic connection 2 G4/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Type of control	Pilot-controlled
Operating pressure Lap Overlap C value 9.5 l/sbar b-value 0.44 Standard nominal flow rate Duty cycle 100% Coil characteristics 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 See supplementary material information Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Pneumatic connection 2 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Symbol	00991008
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] 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 See supplementary material information Type of mounting Optionally: Line installation with accessories Mounting position Any Flow direction Non-reversible Product weight 289 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 Mounting position Non-reversible Product weight 288 g Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic 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°C50°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 289 g Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3 G1/4 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 Note on materials 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 Mounting position Mounting position Mounting position Product weight 289 g Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 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 Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight Product weight Pneumatic 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 Pneumatic connection 1 G1/4 Pneumatic connection 2 Pneumatic connection 3 G1/4 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 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 Pneumatic connection 1 G1/4 Pneumatic connection 2 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 289 g Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4 Pneumatic connection 3	Coil characteristics	24 V DC: 1.8 W
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 289 g Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Operating medium	1 '
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 Product weight Product weight Product would be a served as a serve	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 289 g Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 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 Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Product weight 289 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 For use in the food industry Type of mounting Mounting position Flow direction Product weight Product weight Pneumatic connection 2 Pneumatic connection 3 IP65 See supplementary material information Optionally: Line installation With accessories Any Any Non-reversible 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 Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 289 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 289 g Pneumatic connection 1 G1/4 Pneumatic connection 2 G1/4 Pneumatic connection 3 G1/4	Degree of protection	IP65
Type of mounting Optionally: Line installation With accessories Mounting position Any Flow direction Non-reversible Product weight 289 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 289 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 Preumatic connection 1 Pneumatic connection 2 Pneumatic connection 3 Solva G1/4 G1/4 G1/4 G1/4	Type of mounting	Line installation
Product weight 289 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	289 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