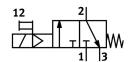
## Shut off valve MS6N-EE-1/2-V110 Part number: 532110

**FESTO** 





General operating condition

Actuation type Electrical Exhaust air function Manual override Detenting Non-detenting Non-detenting Non-detenting Reset method Mechanical spring Type of control Pilot-controlled Symbol Qo991008 Valve function 3/2, closed, monostable Operating pressure 4 bar 18 bar C value 29 1/sbar b-value Outy cycle 100% Standard nominal flow rate Duty cycle 110 V Ac: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA Permissible voltage fluctuations 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-B2-L Temperature of medium 10 °C 60 °C Degree of protection Piles Ambient temperature - 10 °C 60 °C Certification - Cuttus - Recognized (OL) For use in the food industry See supplementary material information With accessories Mounting position Any Flow direction Non-reversible Product weight 740 g Pneumatic connection 1 1/2 NPT Pneumatic connection 3 G1/2 Pneumatic connection 3 G1/2 Pneumatic connection 3 G1/2	Feature	Value
Exhaust air function  Manual override  Detenting Non-detenting Reset method  Mechanical spring Type of control  Pilot-controlled  Symbol  Oo991008  Valve function  Operating pressure  4 bar 18 bar  C value  29 l/sbar  b-value  Standard nominal flow rate  Duty cycle  100%  Coil characteristics  110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA  Permissible voltage fluctuations  Operating medium  Compressed air as per 150 8573-1: 2010 [7:4:4] inert gas  Information on operating and pilot media  Operation seistance class (CRC)  Ooter on materials  RoHS-compliant  LABS (PWIS) conformity  VDMA24364-B2-L  Temperature of medium  Degree of protection  Ambient temperature  Certification  Cut us - Recognized (Ot)  For use in the food industry  See supplementary material information  Mounting position  Any  Flow direction  Non-reversible  Product weight  Product connection 1  1/2 NPT  Preumatic connection 3  G1/2  Preumatic connection 3  G1/2  Preumatic connection 3  G1/2  Preumatic connection 3	Structural design	Piston gate valve
Reset method Mechanical spring Reset method Mechanical spring Type of control Pilot-controlled Symbol 00991008 Valve function 3/2, closed, monostable Operating pressure 4 bar. 18 bar C value 29 l/sbar b-value 0.4 Standard nominal flow rate 7000 l/min Duty cycle 100% Coll characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA Permissible voltage fluctuations +/-10 % 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 LABS (PWIS) conformity VDMA24364-B2-L Temperature of medium 10 Pie5 Ambient temperature Certification culture of voltage fluctuation Culture in the food industry See supplementary material information For use in the food industry See supplementary material information Mith accessories Mounting position Any Flow direction Non-reversible Product weight 740 g Pneumatic connection 1 1/2 NPT Pneumatic connection 3 G1/2 Pneumatic connection 3 G1/2 Pneumatic connection 3 G1/2 Pneumatic connection 3 G1/2	Actuation type	Electrical
Reset method Mechanical spring Type of control Pilot-controlled Symbol 00991008 Valve function 3/2, closed, monostable Operating pressure 4 bar 18 bar C value 29 l/sbar D-value 0.4 Standard nominal flow rate 7000 l/min Duty cycle 100% Coil characteristics 110 VAC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA Permissible voltage fluctuations 4/-10 % 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-B2-L Temperature of medium - 10°C 60°C Degree of protection PIP65 Ambient temperature  - 10°C 60°C Certification	Exhaust air function	Without flow control option
Type of control Pilot-controlled  Symbol 00991008  Valve function 37,2 closed, monostable  Operating pressure 4 bar 18 bar  C value 29 l/sbar  b-value 0.4  Standard nominal flow rate 7000 l/min  Duty cycle 100%  Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA  Permissible voltage fluctuations 4/- 10 %  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-B2-L  Temperature of medium -10 °C 60 °C  Degree of protection IP65  Ambient temperature  -10 °C 60 °C  Certification CIUL us - Recognized (OL)  For use in the food industry See supplementary material information  With accessories  Mounting position Any  Flow direction Non-reversible  Product weight 740 g  Pneumatic connection 2 1/2 NPT  Pneumatic connection 3 G1/2  Pneumatic connection 3 G1/2	Manual override	
Symbol         00991008           Valve function         3/2, closed, monostable           Operating pressure         4 bar 18 bar           C value         29 l/sbar           b-value         0.4           Standard nominal flow rate         7000 l/min           Duty cycle         100%           Coil characteristics         110 VAC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA           Permissible voltage fluctuations         +/- 10 %           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-B2-L           Temperature of medium         -10 °C 60 °C           Degree of protection         IP65           Ambient temperature         -10 °C 60 °C           Certification         CUL us - Recognized (OL)           For use in the food industry         See supplementary material information           Type of mounting         Optionally:	Reset method	Mechanical spring
Valve function 3/2, closed, monostable Operating pressure 4 bar 18 bar C value 29 l/sbar D-value 0.4 Standard nominal flow rate 7000 l/min Duty cycle 100% Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA Permissible voltage fluctuations +/- 10 % 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-B2-L Temperature of medium -10 °C 60 °C Degree of protection IP65 Ambient temperature -10 °C 60 °C Certification c UL us - Recognized (OU) For use in the food industry See supplementary material information Type of mounting United the food industry Optionally: Line installation With accessories Mounting position Any Product weight 740 g Preduct weight 740 g Preumatic connection 2 1/2 NPT Pneumatic connection 3 G1/2 Pneumatic connection 3 G1/2	Type of control	Pilot-controlled
Operating pressure  4 bar 18 bar  C value  29 l/sbar  0.4  Standard nominal flow rate  7000 l/min  Duty cycle  100%  Coil characteristics  110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA  Permissible voltage fluctuations  4/- 10 %  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-B2-L  Temperature of medium  -1.0 °C 60 °C  Degree of protection  IP65  Ambient temperature  -10 °C 60 °C  Certification  cult us - Recognized (OL)  For use in the food industry  See supplementary material information  Optionally: Line installation With accessories  Mounting position  Any  Plow direction  Non-reversible  Product weight  740 g  Pneumatic connection 2  1/2 NPT  Pneumatic connection 2  Fenamatic connection 3  G1/2  Pneumatic connection 3  Again Agart Aga	Symbol	00991008
C value 29 l/sbar b-value 0.4 Standard nominal flow rate 7000 l/min Duty cycle 100% Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA Permissible voltage fluctuations 4/- 10 % 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-B2-L Temperature of medium -10 °C 60 °C Degree of protection IP65 Ambient temperature -10 °C 60 °C Certification CUL us - Recognized (OL) For use in the food industry See supplementary material information Type of mounting Optionally: Line installation With accessories Mounting position Any Product weight 740 g Preumatic connection 1 1/2 NPT Pneumatic connection 2 1/2 NPT Pneumatic connection 3 G1/2	Valve function	3/2, closed, monostable
b-value 0.4  Standard nominal flow rate 7000 l/min  Duty cycle 100%  Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA  Permissible voltage fluctuations +/- 10 %  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-B2-L  Temperature of medium -10 °C 60 °C  Degree of protection IP65  Ambient temperature -10 °C 60 °C  Certification cUL us - Recognized (OL)  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 740 g  Pneumatic connection 1 1/2 NPT  Pneumatic connection 2 1/2 NPT  Pneumatic connection 3 G1/2	Operating pressure	4 bar 18 bar
Standard nominal flow rate  Duty cycle  Coil characteristics  110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA  Permissible voltage fluctuations  4/- 10 %  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-B2-L  Temperature of medium  -10 °C 60 °C  Degree of protection  IP65  Ambient temperature  -10 °C 60 °C  Certification  c UL us - Recognized (OL)  For use in the food industry  See supplementary material information  Type of mounting  Mounting position  Mounting position  Mounting position  Any  Flow direction  Non-reversible  Product weight  740 g  Pneumatic connection 2  1/2 NPT  Pneumatic connection 3  G1/2	C value	29 l/sbar
Duty cycle  Coil characteristics  110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA  Permissible voltage fluctuations  +/- 10 %  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-B2-L  Temperature of medium  -10 °C 60 °C  Degree of protection  IP65  Ambient temperature  -10 °C 60 °C  Certification  c UL us - Recognized (OL)  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  740 g  Pneumatic connection 2  1/2 NPT  Pneumatic connection 3  G1/2	b-value	0.4
Coil characteristics 110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA Permissible voltage fluctuations +/- 10 %  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-B2-L  Temperature of medium -10 °C 60 °C  Degree of protection IP65  Ambient temperature -10 °C 60 °C  Certification cUL us - Recognized (OL)  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 740 g  Pneumatic connection 1 1/2 NPT  Pneumatic connection 3 G1/2	Standard nominal flow rate	7000 l/min
Permissible voltage fluctuations +/- 10 %  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-B2-L  Temperature of medium -10 °C 60 °C  Degree of protection IP65  Ambient temperature -10 °C 60 °C  Certification cUL us - Recognized (OL)  For use in the food industry See supplementary material information  Type of mounting With accessories  Mounting position Any  Flow direction Non-reversible  Product weight 740 g  Pneumatic connection 1 1/2 NPT  Pneumatic connection 2 1/2 NPT  Pneumatic connection 3 G1/2	Duty cycle	100%
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-B2-L  Temperature of medium  -10 °C 60 °C  Degree of protection  IP65  Ambient temperature  -10 °C 60 °C  Certification  c UL us - Recognized (OL)  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 weight  Pneumatic connection 1  1/2 NPT  Pneumatic connection 2  Pneumatic connection 3  G1/2	Coil characteristics	110 V AC: 50/60 Hz, initial power 3.0 VA, holding power 2.4 VA
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-B2-L Temperature of medium -10 °C 60 °C Degree of protection IP65 Ambient temperature -10 °C 60 °C Certification c UL us - Recognized (OL) 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 1/2 NPT Pneumatic connection 2 Flow direction 2 Flow direction 2 Flow direction 3 Flow direction 3 Flow direction 2 Flow material connection 3 Flow direction 4 Flow direction 4 Flow direction 5 Flow direction 5 Flow direction 4 Flow direction 5 Flow direction 5 Flow direction 5 Flow direction 6 Flow direction 6 Flow direction 7 Flow direction 7 Flow direction 8 Flow direction 9 Flow directio	Permissible voltage fluctuations	+/- 10 %
Corrosion resistance class (CRC)  Note on materials  LABS (PWIS) conformity  VDMA24364-B2-L  Temperature of medium  -10 °C 60 °C  Degree of protection  Ambient temperature  Cut us - Recognized (Ot)  For use in the food industry  Type of mounting  Mounting position  Any  Flow direction  Mounting position  Forduct weight  Product weight  Pneumatic connection 2  Pneumatic connection 3  RHS-compliant  ROHS-corrosion stress  ROHS-corrosion stress  ROHS-corrosion stress  ROHS-corrosion stress  ROHS-corrosion stress  ROHS-compliant  VDMA24364-B2-L  -10 °C 60 °C  CUL us - Recognized (OL)  See supplementary material information  Optionally: Line installation With accessories  Mon-reversible  740 g  Pneumatic connection 1  1/2 NPT  Pneumatic connection 2  G1/2	Operating medium	
Note on materials  LABS (PWIS) conformity  VDMA24364-B2-L  Temperature of medium  -10 °C 60 °C  Degree of protection  IP65  Ambient temperature  -10 °C 60 °C  Certification  Culus - Recognized (OL)  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  Pneumatic connection 1  Pneumatic connection 2  Pneumatic connection 3  RHS-compliant  VDMA24364-B2-L  VDMA244-B2-L  VDMA244-B2-L  VDMA244-B2-L  VDMA24	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
LABS (PWIS) conformity  VDMA24364-B2-L  Temperature of medium  -10 °C 60 °C  Degree of protection  IP65  Ambient temperature  -10 °C 60 °C  Certification  C UL us - Recognized (OL)  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 connection 1  1/2 NPT  Pneumatic connection 2  Flow direction 3  G1/2	Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium  -10 °C 60 °C  Degree of protection  IP65  Ambient temperature  -10 °C 60 °C  Certification  C UL us - Recognized (OL)  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 weight  Product connection 1  1/2 NPT  Pneumatic connection 2  1/2 NPT  Pneumatic connection 3  G1/2	Note on materials	RoHS-compliant
Degree of protection  Ambient temperature  -10 °C 60 °C  Certification  c UL us - Recognized (OL)  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  Pneumatic connection 2  Pneumatic connection 3  IP65  Au o C  UL us - Recognized (OL)  See supplementary material information  Optionally: Line installation With accessories  Any  Flow direction  Any  I o g  I /2 NPT  Pneumatic connection 2  I /2 NPT  Pneumatic connection 3	LABS (PWIS) conformity	VDMA24364-B2-L
Ambient temperature  Certification  c UL us - Recognized (OL)  For use in the food industry  See supplementary material information  Optionally: Line installation With accessories  Mounting position  Any  Flow direction  Non-reversible  Product weight  Product weight  Preumatic connection 1  Preumatic connection 2  Preumatic connection 3  -10 °C 60 °C  CUL us - Recognized (OL)  See supplementary material information  Optionally: Line installation With accessories  Any  Flow direction  Any  Flow direction  Non-reversible  740 g  Preumatic connection 1  1/2 NPT  Preumatic connection 2  1/2 NPT  Preumatic connection 3  G1/2	Temperature of medium	-10 °C 60 °C
Certification c UL us - Recognized (OL)  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 740 g  Pneumatic connection 1 1/2 NPT  Pneumatic connection 2 61/2	Degree of protection	IP65
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  1/2 NPT  Pneumatic connection 2  G1/2	Ambient temperature	-10 °C 60 °C
Type of mounting  Optionally: Line installation With accessories  Mounting position  Any  Flow direction  Non-reversible  Product weight  740 g  Pneumatic connection 1  1/2 NPT  Pneumatic connection 2  1/2 NPT  Pneumatic connection 3  G1/2	Certification	c UL us - Recognized (OL)
Line installation With accessories  Mounting position Any Flow direction Non-reversible Product weight 740 g Pneumatic connection 1 1/2 NPT Pneumatic connection 2 1/2 NPT Pneumatic connection 3 G1/2	For use in the food industry	See supplementary material information
Flow direction Non-reversible Product weight 740 g Pneumatic connection 1 1/2 NPT Pneumatic connection 2 1/2 NPT Pneumatic connection 3 G1/2	Type of mounting	Line installation
Product weight 740 g  Pneumatic connection 1 1/2 NPT  Pneumatic connection 2 1/2 NPT  Pneumatic connection 3 G1/2	Mounting position	Any
Pneumatic connection 1 1/2 NPT Pneumatic connection 2 1/2 NPT Pneumatic connection 3 G1/2	Flow direction	Non-reversible
Pneumatic connection 2 1/2 NPT Pneumatic connection 3 G1/2	Product weight	740 g
Pneumatic connection 3 G1/2	Pneumatic connection 1	1/2 NPT
	Pneumatic connection 2	1/2 NPT
Pilot air supply port Internal	Pneumatic connection 3	G1/2
	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