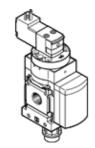
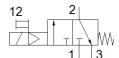
start valve MS6N-EE-1/2-V110 Part number: 532110

FESTO

Electrical, direction of flow: from left to right.





Data sheet

Internation	Feature	Value
Exhaust-air function Manual override detenting Pushing Type of reset mechanical spring Type of piloting Valve function 3/2 closed, monostable 4 18 bar (value 29 1/sbar b value 0.4 Standard nominal flow rate Duty cycle 100 % Characteristic coil data 110 VAC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation Operating medium Compressed air in accordance with 1508573-1:2010 [7:4:4] Intert gases Note on operating and pilot medium Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conforms to RoHS PVIS conformity VDMA27364-B2-L Medium temperature 1-10 60 °C Protection class IP65 Ambient temperature 1-10 60 °C Authorization Cut us. Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Assembly position Any Product weight Prenumatic connection, port 1 Prenumatic connection, port 2 Prenumatic connection, port 3 Plug pattern type C to EN 175301-803 Plug Pur Dilk EN 175301-803 Cubic design Material seals Material seals Material seals	Design structure	Piston slide
Manual override Description Description	Type of actuation	electrical
Pushing Type of reset Type of piloting Piloted Valve function 3/2 closed, monostable Working pressure 4 18 bar C value 29 lysbar b value C value 29 lysbar Duty cycle 100 % Characteristic coil data Permissible voltage fluctuation Operating medium Inert gases Note on operating and pilot medium Inert gases Note on operating and pilot medium Uburicated operation possible (subsequently required for further operation class) Materials note Conformity WOMAZ4364-B2-L Marbient temperature 1-10 60 °C Authorization CUL us - Recognized (0.1) Roos afe Mounting type Wild in installation Any Product weight Product weight Preumatic connection, port 1 Preumatic connection, port 3 Pilot air supply Electrical connection Plug pattern type C to EN 175301-803 Plug Puls Culcidesign Material seals Material seals Material seals Material supply Line installation Line floating and pilot medium line floatin	Exhaust-air function	not throttleable
Type of piloting Type of piloting Piloted Working pressure 4 18 bar C value 29 l/sbar b value 0.4 Standard nominal flow rate Duty cycle 100% Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Corrosion resistance classification CRC 2 - Moderate corrosion stress Conformity to MDM24364-B2-I. Medium temperature 1-10 60 °C Protection class IP65 Ambient temperature 1-10 60 °C Authorization CUL us - Recognized (OU) Food-safe Mounting type Line installation with accessories Optional Assembly position Any Flow direction non reversible Product weight 740 g Preumatic connection, port 1 Preumatic connection, port 2 Preumatic connection, port 3 Plug Per DIN En N 75301-803 Cubic design Material seals MBR Material seals MBR	Manual override	detenting
Type of piloting Valve function 372 closed, monostable Working pressure 418 bar 418 bar 518 bar 518 bar 618 bar 718 bar 718 bar 718 bar 818 bar 818 bar 818 bar 918 bar 91		Pushing
Valve function 3/2 closed, monostable Working pressure 418 bar C value 29 l/sbar b value 0.4 Standard nominal flow rate 7,000 l/min Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature 10 60 °C Protection class IP65 Ambient temperature 10 60 °C Authorization C UL us - Recognized (OL) Food-safe See Supplementary material information Mounting type Line installation with accessories Optional Any Flow direction Product weight 740 g Preumatic connection, port 1 Preumatic connection, port 2 Preumatic connection, port 3 Flug Per DIN EN 175301-803 Cubic design Material seals NBR	Type of reset	mechanical spring
Working pressure 4 18 bar C Value 29 J/sbar by Jule 0.4 Standard nominal flow rate 7,000 I/min Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation +/- 10 % Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conforms to RoHS PWIS conformity VDMA2364-B2-L Medium temperature 10 60 °C Protection class IP65 Ambient temperature 10 60 °C Authorization cUL us - Recognized (OL) Food-safe See Supplementary material information Mounting type Line installation with accessories Optional Assembly position non reversible Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 GI/2 Pilot air supply Internal Electrical connection Pulg pattern type C to EN 175301-803 Cubic design Material seals	Type of piloting	Piloted
C value 29 l/sbar by alue 0.4 Canding the write 0.4 Canding to write 27,000 l/min 200	Valve function	3/2 closed, monostable
b value 0.4 Standard nominal flow rate 7,000 l/min Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation +/- 10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conformity VDMA24364-B2-L Medium temperature 1060 °C Protection class IP65 Authorization CRC 21.060 °C Authorization CRC 31.060 °C Authorization CRC 31.060 °C Authorization CRC 31.0	Working pressure	4 18 bar
Standard nominal flow rate Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 4/- 10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Ubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature 1-10 60 °C Protection class IP65 Ambient temperature 1-10 60 °C Authorization CUL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Any Flow direction non reversible Product weight Any Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	C value	29 l/sbar
Duty cycle Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 · Moderate corrosion stress Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Lu us - Recognized (OL) See Supplementary material information Mounting type Line installation with accessories Optional Assembly position Any Product weight Any Preduct weight 740 g Product weight Preumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 Plug Per DIN EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	b value	0.4
Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 4/- 10 % Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature 1-0 60 °C Protection class IP65 Ambient temperature 2-10 60 °C Authorization Corrosion resistance classification CRC UL us - Recognized (OL) Food-safe See Supplementary material information Line installation With accessories Optional Assembly position Any Flow direction Product weight 740 g Pheumatic connection, port 1 1/2 NPT Pheumatic connection, port 2 1/2 NPT Pheumatic connection, port 3 Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	Standard nominal flow rate	7,000 l/min
Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 4/- 10 % Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature 1-0 60 °C Protection class IP65 Ambient temperature 2-10 60 °C Authorization Corrosion resistance classification CRC UL us - Recognized (OL) Food-safe See Supplementary material information Line installation With accessories Optional Assembly position Any Flow direction Product weight 740 g Pheumatic connection, port 1 1/2 NPT Pheumatic connection, port 2 1/2 NPT Pheumatic connection, port 3 Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	Duty cycle	100 %
Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Operating resistance classification CRC 2 - Moderate corrosion stress Materials note Conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Authorization c UL us - Recognized (OL) Food-safe See Supplementary material information Mounting type Line installation with accessories Optional Assembly position Any Flow direction non reversible Product weight 740 g Preumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 G1/2 Pilot air supply Electrical connection Plug pattern type C to EN 175301-803 Cubic design Material seals NBR	Characteristic coil data	110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA
Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conforms to RoHS PWIS conformity WDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Authorization c UL us - Recognized (OL) Food-safe Mounting type Line installation with accessories Optional Assembly position Any Flow direction Product weight Product weight Product weight Preumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 Flug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals	Permissible voltage fluctuation	
Inert gases Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conforms to RoHS PWIS conformity VDMA24364-82-L Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Authorization CUL us - Recognized (OL) See Supplementary material information Mounting type Line installation with accessories Optional Assembly position Flow direction Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 Pneumatic connection, port 3 Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Cubic design Material seals NBR	Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class Ambient temperature -10 60 °C Authorization c UL us - Recognized (OL) See Supplementary material information Mounting type Line installation with accessories Optional Assembly position Any Flow direction non reversible Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 Pneumatic connection, port 3 G1/2 Pilot air supply Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals		
operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Authorization c UL us - Recognized (OL) See Supplementary material information Mounting type Line installation with accessories Optional Assembly position Any Flow direction non reversible Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 G1/2 Pilot air supply Internal Electrical connection Pug pattern type C to EN 175301-803 Pug Per DIN EN 175301-803 Cubic design Material seals	Note on operating and pilot medium	
Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Authorization c UL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Assembly position Flow direction Product weight Preduct weight Preumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 3 Pilot air supply Electrical connection Plug pattern type C to EN 175301-803 Pubic design Material seals Marerial seals		
Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Authorization c UL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Assembly position Flow direction Product weight Preduct weight Preumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 3 Pilot air supply Electrical connection Plug pattern type C to EN 175301-803 Pubic design Material seals Marerial seals	Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class Ambient temperature -10 60 °C Authorization c UL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Assembly position Any Flow direction Product weight Product weight Preumatic connection, port 1 Preumatic connection, port 2 Preumatic connection, port 3 Pilot air supply Electrical connection Plug pattern type C to EN 175301-803 Pulug Per DIN EN 175301-803 Cubic design Material seals NBR	Materials note	
Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Authorization c UL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Assembly position Any Flow direction Product weight Preumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 3 Pilot air supply Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR		
Protection class IP65 Ambient temperature -10 60 °C Authorization c UL us - Recognized (OL) Food-safe See Supplementary material information Mounting type Line installation with accessories Optional Assembly position Any Flow direction non reversible Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 G1/2 Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals MBR	,	
Ambient temperature Authorization C UL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Assembly position Any Flow direction Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 Pneumatic connection, port 3 Pilot air supply Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	'	
Authorization c UL us - Recognized (OL) Food-safe See Supplementary material information Mounting type Line installation with accessories Optional Any Flow direction non reversible Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 G1/2 Plot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR		
Food-safe Mounting type Line installation with accessories Optional Assembly position Any Flow direction Product weight Preumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 3 Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals See Supplementary material information Line installation with accessories Optional Any Any Inner reversible 1/4 NPT 1/2 NPT 1/2 NPT Pneumatic connection, port 3 G1/2 Plug pattern type C to EN 175301-803 Cubic design NBR	Authorization	c UL us - Recognized (OL)
Mounting type Line installation with accessories Optional Assembly position Any Flow direction Product weight Preduct weight Pneumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 3 Flow direction Preduct weight	Food-safe	
with accessories Optional Assembly position Any Flow direction Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 G1/2 Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	Mounting type	
Optional Assembly position Any Flow direction non reversible Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 G1/2 Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR		
Any Flow direction non reversible Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 G1/2 Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR		
Flow direction non reversible Product weight 740 g Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Pneumatic connection, port 3 G1/2 Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	Assembly position	·
Product weight Product weight 740 g Pneumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 3 Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals 740 g 1/2 NPT 1/2 NPT Pneumatic connection, port 3 Internal Plug pattern type C to EN 175301-803 Cubic design		•
Pneumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 2 Pneumatic connection, port 3 Flug Plug Per DIN EN 175301-803 Cubic design Material seals 1/2 NPT 1/2 NPT Plug Pattern type C to EN 175301-803 Cubic design NBR		
Pneumatic connection, port 2 Pneumatic connection, port 3 G1/2 Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	=	9
Prieumatic connection, port 3 G1/2 Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	•	
Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR		·
Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	•	·
Plug Per DIN EN 175301-803 Cubic design Material seals NBR		
Per DIN EN 175301-803 Cubic design Material seals NBR	Electrical connection	
Cubic design Material seals NBR		
Material seals NBR		
	Material seals	
	Material housing	Aluminum die cast