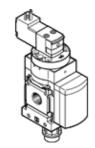
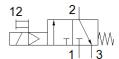
on-off valve MS6N-EE-3/8-V230 Part number: 532117

FESTO

Electrical, direction of flow: from left to right.





Data sheet

Internation electrical	Feature	Value
Exhaust-air function detenting Manual override detenting Pushing Type of Pioting Pioted Valve function 3/2 closed, monostable Valve function 3/2 closed, monostable Operating pressure 4 18 bar Valve function 3/2 closed, monostable Operating pressure 5.500 I/min Duty cycle 0.5 Standard nominal flow rate 5.500 I/min Duty cycle 100 % Characteristic coil data 230 V.Ac: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 14 % / 1.0 % 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 WINS conformity VDMA24364-B2-L Medium temperature 1.0 60 °C Protection class IP65 Ambient temperature 1.0 60 °C Authorisation CUL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Any Flow direction Product weight 740 g Product weight 740 g Product weight 740 g Product weight 740 g Prenumatic connection, port 1 3/8 NPT Prenumatic connection, port 3 9 lug pattern type C to EN 175301-803 Plug Prenumatic connection, port 3 9 lug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals	Design structure	Piston slide
Manual override Pushing Type of reset mechanical spring Type of piloting Type of piloting Piloted 3/2 closed, monostable Operating pressure 4 18 bar C value 22 l/sbar b value 22 l/sbar b value 3,500 l/min Duty cycle 100 % Characteristic coil data 230 V Ac. 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 14 % / +10 % 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 Materials note PVIS conformity Medium temperature 10 60 °C Protection class 1P65 Authorisation 2 UL us - Recognized (OL) Norwith accessories Optional Assembly position Any Prenumatic connection, port 1 3/8 NPT Pneumatic connection, port 3 Plug pattern type C to En 175301-803 Plug Prel Dik En 175301-803 Cubic design Material seals Material spring Pusp attern type C to En 175301-803 Pulg Pur Dilk En 175301-803 Cubic design Material seals Material seals	Type of actuation	electrical
Pushing Type of picting Piloted Nate function Piloted Pilote	Exhaust-air function	not throttleable
Type of Piloted Type of piloted Type of piloted Type of piloted Avive function 3/2 closed, monostable Operating pressure 4 18 bar C value 0.5 Standard nominal flow rate Duty cycle 100% Characteristic coil data 230 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 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 Conforms to RoH5 Walterials note Conformity VDMA24364-B2-L Medium temperature 1-1060 °C Protection class IP65 Ambient temperature 1-1060 °C Authorisation CUL us - Recognized (OU) Food-safe Mounting type Line installation with accessories Optional Assembly position Any Plow direction non reversible Product weight 740 g Preumatic connection, port 1 3/8 NPT Preumatic connection, port 3 Plug Per DIN En X175301-803 Cubic design Material seals Material seals Marerial seals Marerial seals Marerial seals Marerial seals Marerial seals Marerial seals	Manual override	detenting
Type of piloting Valve function 372 closed, monostable Operating pressure 418 bar 22 l/sbar O.5 Standard nominal flow rate 5.500 l/min Duty cycle 100 % All 14% / +10 % Operating medium Competing medium Competing 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 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 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 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 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 Inert gases Note on operating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Inert gas		Pushing
Valve function 3/2 closed, monostable Operating pressure 4	Type of reset	mechanical spring
Operating pressure 4 18 bar C Value 27 l/sbar Value 0.5 Standard nominal flow rate 0.5 Standard nominal flow rate 100 % Characteristic coil data 230 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation -14 % /+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 Conformity VDMA2364-B2-L Wolf Conformity VDMA2364-B2-L W	Type of piloting	Piloted
C value 0.5 b value 0.5 Standard nominal flow rate 5.500 l/min Duty cycle 100 % Characteristic coil data 230 v Ac: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 14 % / +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 VDM24364-82-L Medium temperature 10 60 °C Protection class IP65 Ambient temperature 1-10 60 °C Authorisation c UL us - Recognized (OL) See Supplementary material information Uniting type Unional Any How direction non reversible Product weight 740 g Pheumatic connection, port 1 3/8 NPT Pneumatic connection, port 2 3/8 NPT Pneumatic connection, port 3 Plug Per DIN EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals MBR	Valve function	3/2 closed, monostable
C value 0.5 b value 0.5 Standard nominal flow rate 5.500 l/min Duty cycle 100 % Characteristic coil data 230 v Ac: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 14 % / +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 VDM24364-82-L Medium temperature 10 60 °C Protection class IP65 Ambient temperature 1-10 60 °C Authorisation c UL us - Recognized (OL) See Supplementary material information Uniting type Unional Any How direction non reversible Product weight 740 g Pheumatic connection, port 1 3/8 NPT Pneumatic connection, port 2 3/8 NPT Pneumatic connection, port 3 Plug Per DIN EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals MBR	Operating pressure	4 18 bar
Standard nominal flow rate Duty cycle 100 % Characteristic coil data 230 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 14 % / +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 Authorisation CUL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Any Flow direction non reversible Product weight Any Pheumatic connection, port 1 3/8 NPT Pheumatic connection, port 2 3/8 NPT Pheumatic connection, port 3 Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals MBR	C value	22 l/sbar
Duty cycle Characteristic coil data 230 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 Authorisation Cul us - Recognized (OL) Food-safe See Supplementary material information Uine installation with accessories Optional Assembly position Any Flow direction non reversible Product weight Any Preduct weight Any Preumatic connection, port 1 3/8 NPT Preumatic connection, port 2 3/8 NPT Pheumatic connection, port 3 Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	b value	0.5
Characteristic coil data 230 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 14 % / +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 Conforms to ROHS PWIS conformity VDMA24364-B2-L Medium temperature 1-0 60 °C Protection class IP65 Ambient temperature 1-10 60 °C Authorisation Cut us - Recognized (OL) Food-safe See Supplementary material information Wounting type Line installation with accessories Optional Any Flow direction Any Product weight Product weight Product weight Preumatic connection, port 1 3/8 NPT Pheumatic connection, port 2 3/8 NPT Pheumatic 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	Standard nominal flow rate	5,500 l/min
Characteristic coil data 230 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Permissible voltage fluctuation 14 % / +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 Conforms to ROHS PWIS conformity VDMA24364-B2-L Medium temperature 1-0 60 °C Protection class IP65 Ambient temperature 1-10 60 °C Authorisation Cut us - Recognized (OL) Food-safe See Supplementary material information Wounting type Line installation with accessories Optional Any Flow direction Any Product weight Product weight Product weight Preumatic connection, port 1 3/8 NPT Pheumatic connection, port 2 3/8 NPT Pheumatic 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	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) Corrosion resistance classification CRC 2 - Moderate corrosion stress Materials note Conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Anbient temperature -10 60 °C Authorisation 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 3/8 NPT Preumatic connection, port 2 3/8 NPT Preumatic 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	230 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 YDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Authorisation c UL us - Recognized (OL) Food-safe See Supplementary material information With accessories Optional Assembly position Flow direction Product weight Product weight Preumatic connection, port 1 3/8 NPT Pheumatic connection, port 2 3/8 NPT Pheumatic connection, port 3 G1/2 Pilot air supply Internal Electrical connection Plug pattern type C to EN 175301-803 Cubic design Material seals NBR	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 Ambient temperature -10 60 °C Authorisation C UL us - Recognized (OL) See Supplementary material information Mounting type Line installation with accessories Optional Assembly position Any Assembly position Flow direction Product weight 740 g Pneumatic connection, port 1 3/8 NPT 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	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) 2 - Moderate corrosion stress Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class Ambient temperature -10 60 °C Authorisation 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 3/8 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 Authorisation 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 3/8 NPT Pneumatic connection, port 2 3/8 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	Note on operating and pilot medium	
Corrosion resistance classification CRC Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Authorisation 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 3/8 NPT Pneumatic connection, port 2 Pneumatic connection, port 3 Pilot air supply Electrical connection Material seals Material seals Material seals		
Materials note Conforms to RoHS PWIS conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Authorisation c UL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Assembly position Flow direction Product weight Preduct weight Prematic connection, port 1 Pheumatic connection, port 2 Pheumatic connection, port 3 Plug Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals MBR	Corrosion resistance classification CRC	
PWIS conformity VDMA24364-B2-L Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Authorisation 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 Pube German And Cubic design Material seals MBR		
Medium temperature Protection class IP65 Ambient temperature -10 60 °C Authorisation 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 3/8 NPT Pneumatic connection, port 2 3/8 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		
Protection class IP65 Ambient temperature -10 60 °C Authorisation 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 3/8 NPT Pneumatic connection, port 2 3/8 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 -10 60 °C Authorisation c UL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Assembly position Any Flow direction non reversible Product weight 740 g Pneumatic connection, port 1 3/8 NPT Pneumatic connection, port 2 3/8 NPT Pneumatic connection, port 3 Flot air supply Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	'	
Authorisation c UL us - Recognized (OL) Food-safe See Supplementary material information Line installation with accessories Optional Any Flow direction non reversible Product weight 740 g Pneumatic connection, port 1 3/8 NPT Pneumatic connection, port 2 3/8 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 Any Flow direction Product weight Pneumatic connection, port 1 Pneumatic connection, port 2 Pneumatic connection, port 3 Plug Pliot air supply Electrical connection Plug Per DIN EN 175301-803 Cubic design Material seals NBR	Authorisation	c UL us - Recognized (OL)
Mounting type Line installation with accessories Optional Assembly position Any Flow direction Product weight Preumatic connection, port 1 Preumatic connection, port 2 Preumatic connection, port 3 Flow direction Preumatic connection, port 1 Rectifical connection Preumatic connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Material seals NBR	Food-safe	
with accessories Optional Assembly position Any Flow direction Product weight 740 g Pneumatic connection, port 1 3/8 NPT Pneumatic connection, port 2 3/8 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 3/8 NPT Pneumatic connection, port 2 3/8 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 3/8 NPT Pneumatic connection, port 2 3/8 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 3/8 NPT Pneumatic connection, port 2 3/8 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 3/8 NPT Pneumatic connection, port 3 Jelug Per DIN EN 175301-803 Cubic design NBR		•
Pneumatic connection, port 1 Pneumatic connection, port 2 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		
Pneumatic connection, port 2 3/8 NPT 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	Aluminium die cast