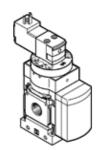
Pressure build-up valve MS6N-DE-1/2-V110 Part number: 532042

FESTO

Electrical, for gradual pressure build-up, direction of flow: from left to right.





Data sheet

Sype of actuation Ary Assembly position Any	Feature	Value
Manual override Pushing Design structure Piston seat Type of piloting Piloted Piloted Piloted Pilot ali supply Internal Row direction non reversible Valve function 2/2 Switching position indicator with accessories Working pressure 41 bar Valve function 0.39 Cvalue 0.39 Cvalue 0.39 Cvalue 0.39 Cvalue 0.49.7 l/Shar Standard nominal flow rate 6.450 I/min Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization CUL - Recognized (OU) 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 PMIS conformity VDMA2/4364-B2-L Food-safe See Supplementary material information Medium temperature 10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Union and the connection, port 1 I/2 NPT Pneumatic connection, port 1 Pneumatic connection, port 2 Incentical Conforms to RoHS	Type of actuation	electrical
Pushing Pushing	Assembly position	Any
Design structure Piston seat Type of Pictor feset mechanical spring Piloted Pilot air supply Internal Rlow direction non reversible Valve function 2/2 Switching position indicator with accessories Working pressure 4 18 bar bvalue 0.39 Cvalue 0.39 Cvalue 18.97 I/sbar Standard nominal flow rate 6,450 I/min Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization CUL - Recognized (OL) 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) PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature 1060 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DNE N 175301-803 Cubic design Signal status display with accessories Optional Pneumatic connection, port 1 1/2 NPT Fewardic conforms to RoHS	Manual override	detenting
Type of reset Type of piloting Type of piloting Type of piloting Pilot air supply Internal Flow direction Pow dire		Pushing
Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Valve function 2/2 Switching position indicator with accessories Working pressure 418 bar b value 0.39 C value 0.39 C value 28.97 I/sbar Standard nominal flow rate 6,450 I/min Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization C UL - Recognized (OL) Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inert gases Note on operating and pilot medium Unbricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VOMA23464-B2-L Food safe See Supplementary material information Medium temperature 1060 °C Product weight 680 g Fletrical connection Plug pattern type C to EN 175301-803 Cubic design Signal status display with accessories Mounting type Line installation with accessories Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note Osage Police Index Inde	Design structure	Piston seat
Pilot air supply Flow direction non reversible Valve function 2/2 Switching position indicator with accessories Working pressure 4 18 bar b value 0.39 C value 28.97 I/sbar Standard nominal flow rate 0,39 C value 100 Ye.: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization C UL - Recognized (OL) 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 PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature 10 60 °C Product weight Electrical connection Plug pattern type C to EN 175301-803 Plug Per DN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 Pneumatic connection, port 2 J/2 NPT Pneumatic connection, port 2 J/2 NPT Pneumatic connection, port 2 Conforms to ROHS	Type of reset	mechanical spring
Flow direction Don reversible	Type of piloting	Piloted
Valve function 2/2 Switching position indicator with accessories Working pressure 4 18 bar b value 0.39 C value 28.97 I/sbar Standard nominal flow rate 6,450 I/min Duty cycle 100 % Characteristic coil data 110 V AC: 50 /60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization CUL - Recognized (OL) Operating medium Comperating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature 10 60 °C Protection class IP65 Ambient temperature 10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note	Pilot air supply	Internal
Switching position indicator Working pressure 4 18 bar b value 28.97 (/sbar Standard nominal flow rate Duty cycle 100 % Characteristic coil data Authorization Compressed air in accordance with ISO8573-1:2010 [7:4:4] Innet gases Note on operating and pilot medium Note on operating and pilot medium Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity Food-safe See Supplementary material information Medium temperature Product weight Electrical connection Signal status display Mounting type Line installation with accessories Mouting type Materials note 4 18 bar 5 64.50 J/min 10 60 °C Product weight Electrical connection Plug pattern type C to EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Materials note Conforms to RoHS	Flow direction	non reversible
Working pressure 4 18 bar b value 0.39 Cvalue 28.97 l/sbar Standard nominal flow rate 6,450 l/min Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization cUL - Recognized (OL) Operating medium Competating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note	Valve function	2/2
Working pressure 4 18 bar b value 0.39 Cvalue 28.97 l/sbar Standard nominal flow rate 6,450 l/min Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization cUL - Recognized (OL) Operating medium Competating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note	Switching position indicator	with accessories
C value 28.97 l/sbar Standard nominal flow rate 6,450 l/min Duty cycle 100 % Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization c UL - Recognized (OL) 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 PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature 10 60 °C Protection class IP65 Ambient temperature 10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note 28.97 l/sbar 100.% Coll - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Storic - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recognized (OL) Compressed air in accordance with ISO8573-1:2010 [7:4:4] Inter Book - Recogniz		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 Authorization c UL - Recognized (OL) 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 WIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature 1-10 60 °C Product veight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note	b value	0.39
Duty cycle Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization c UL - Recognized (OL) 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 PWIS conformity Food-safe See Supplementary material information Medium temperature 1-10 60 °C Protection class IP65 Ambient temperature 1-10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note	C value	28.97 l/sbar
Characteristic coil data 110 V AC: 50/60 Hz, pick-up power 3 VA, holding power 2.4 VA Authorization c UL - Recognized (OL) 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 PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class IP65 Ambient temperature 1-10 60 °C Product weight Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note	Standard nominal flow rate	6,450 l/min
Authorization c UL - Recognized (OL) 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 PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note Conforms to RoHS	Duty cycle	100 %
Authorization c UL - Recognized (OL) 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 PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note Conforms to RoHS	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 PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 Pneumatic connection, port 2 1/2 NPT Materials note Conforms to RoHS	Authorization	
Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Corrosion resistance classification CRC 2 · Moderate corrosion stress WDMA24364-B2-L Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class Ambient temperature 1-10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 Materials note Line installation Conforms to ROHS	Operating medium	
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Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B2-L Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class Ambient temperature -10 60 °C Product weight Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note	Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
PWIS conformity Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 Pneumatic connection, port 2 Materials note Conforms to RoHS	Correction resistance classification CPC	
Food-safe See Supplementary material information Medium temperature -10 60 °C Protection class Ambient temperature -10 60 °C Product weight Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 Pneumatic connection, port 2 Materials note See Supplementary material information -10 60 °C Product weight 680 g Plug pattern type C to EN 175301-803 Cubic design With accessories Optional 1/2 NPT Conforms to RoHS		
Medium temperature -10 60 °C Protection class IP65 Ambient temperature -10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803	,	1- 1
Protection class Ambient temperature -10 60 °C Product weight Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display Mounting type Line installation with accessories Optional Pneumatic connection, port 1 Pneumatic connection, port 2 Materials note IP65 -10 60 °C -10 60 °C E80 g Line in 175301-803 Cubic design With accessories Optional 1/2 NPT Conforms to RoHS		
Ambient temperature -10 60 °C Product weight 680 g Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Mounting type Line installation with accessories Optional Pneumatic connection, port 1 Pneumatic connection, port 2 1/2 NPT Materials note Conforms to RoHS	'	
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Electrical connection Plug pattern type C to EN 175301-803 Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Mounting type Line installation with accessories Optional Pneumatic connection, port 1 Pneumatic connection, port 2 1/2 NPT Materials note Conforms to RoHS	•	
Plug Per DIN EN 175301-803 Cubic design Signal status display with accessories Mounting type Line installation with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note Conforms to RoHS	<u> </u>	9
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with accessories Optional Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note Conforms to RoHS		
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Pneumatic connection, port 1 1/2 NPT Pneumatic connection, port 2 1/2 NPT Materials note Conforms to RoHS		
Pneumatic connection, port 2 1/2 NPT Materials note Conforms to RoHS	Pneumatic connection port 1	'
Materials note Conforms to RoHS		
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Material housing Aluminum die cast		