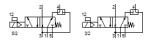
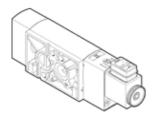
## **Solenoid valve** VSNC-FC-M52-MD-G14-F8-1B2 Part number: 577295 ★ Core product range

NAMUR valve 1/4", monostable, F8 anchor system, with coil.







## **Data sheet**

operation)  Corrosion resistance classification CRC  PWIS conformity  VDMA24364-B2-L  Medium temperature  operation)  2 - Moderate corrosion stres  VDMA24364-B2-L		
Width Standard nominal flow rate 1,250 l/min Operating pressure MPa 0,25 10 bar Design structure Design structure Piston slide Type of reset Authorization Certificate issuing department Protection class  IP65 IP67 with plug socket to IEC 60529 Exhaust-air function Sealing principle Assembly position Conforms to standard Manual override Pilot air supply Internal Flow direction Lap Positive overlap Signal status display b value O,4 C value Standard nominal flow rate, exhaust air return 4-33 Standard nominal flow rate, exhaust air return 4-33 Standard nominal flow rate, exhaust air return 4-33 Duty cycle Characteristic coil data Permissible voltage fluctuation Operating medium Note on operating and pilot medium Corrosion resistance classification CRC PWIS conformity Medium temperature  20 60 °C VDMA24364-B2-L Medium temperature		
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Operating pressure MPa Working pressure Design structure Piston slide Type of reset Authorization Cul. us - Recognized (OL) Certificate issuing department Protection class IP65 IP67 with plug socket to IEC 60529 Exhaust-air function Sealing principle Assembly position Conforms to standard Manual override Amanual override Amanual override Pilot air supply Floted Pilot air supply Flow direction Lap Positive overlap Signal status display b value C value Standard nominal flow rate, exhaust air return 4->3 Switching time off Switching time on Duty cycle Characteristic coil data Permissible voltage fluctuation Note on operating and pilot medium Lubricated operation Stres PWIS conformity WDMA24364-B2-L Medium temperature  VDIMA24364-B2-L Volue Scale Scale VDIMA24364-B2-L VDIMA24		
Working pressure  Design structure  Type of reset  Muchanical spring  Cul. us - Recognized (OL)  Certificate issuing department  Protection class  IP65 IP67 with plug socket to IEC 60529  Exhaust-air function  Sealing principle  Sealing principle  Assembly position  Conforms to standard  Manual override  Manual override  Plot air supply Internal  IRlow direction  Lap  Positive overlap  Signal status display  b value  C value  S 12 I/sbar  Standard nominal flow rate, exhaust air return 4->3  Into I/min  Switching time off  Switching time on  Duty cycle  Characteristic coil data  Permissible voltage fluctuation  Note on operating and pilot medium  VDIMA24364-B2-L  Medium temperature  VDIMA24364-B2-L  Medium temperature  VDIMA24364-B2-L  Medium temperature  VDIMA24364-B2-L  Medium temperature		
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Type of reset Authorization Certificate issuing department Protection class    P65		
Authorization  Certificate issuing department  DNVGL-TAA000011J  Protection class  IP65 IP67 with plug socket to IEC 60529  Exhaust-air function  Sealing principle Assembly position  Conforms to standard  Manual override  Woll/VDE 3845 (NAMUR)  Manual override  Piloted Pilot air supply  Internal  Flow direction  Lap Positive overlap Signal status display  b value  C value  Standard nominal flow rate, exhaust air return 4->3  Standard nominal flow rate, exhaust air return 4->3  Switching time off  Lay Cycle  C haracteristic coil data Permissible voltage fluctuation  Operating medium  Compressed air in accordance Note on operating and pilot medium  Corrosion resistance classification CRC  PWIS conformity  VDMA24364-B2-L  Medium temperature  -20 60 °C		
Certificate issuing department  Protection class  IP65 IP67 with plug socket to IEC 60529  Exhaust-air function  Sealing principle Assembly position  Conforms to standard  Moll/VDE 3845 (NAMUR)  Manual override  Type of piloting Piloted Pilot air supply Piloted Pilot air supply Internal Flow direction  Lap Positive overlap Signal status display b value  C value  Standard nominal flow rate, exhaust air return 4->3  Standard nominal flow rate, exhaust air return 4->3  Switching time of  Switching time on  Duty cycle  Characteristic coil data Permissible voltage fluctuation  Note on operating and pilot medium  Compressed air in accordance Note on operating and pilot medium  Corrosion resistance classification CRC  PWIS conformity  VDMA24364-B2-L  Medium temperature		
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with plug socket to IEC 60529  Exhaust-air function throttleable  Sealing principle soft  Assembly position Any Conforms to standard VDI/VDE 3845 (NAMUR)  Manual override detenting Pushing  Type of piloting Piloted  Pilot air supply Internal  Flow direction non reversible  Lap Positive overlap  Signal status display with accessories by value 0.4  C value 5.2 I/sbar  Standard nominal flow rate, exhaust air return 4->3 110 I/min  Switching time off 48 ms  Switching time on 11 ms  Duty cycle 100 %  Characteristic coil data 24 V DC: 3.3 W  Permissible voltage fluctuation 4/- 10 %  Operating medium Compressed air in accordance Note on operating and pilot medium operation)  Corrosion resistance classification CRC  PWIS conformity VDMA24364-B2-L  Medium temperature -20 60 °C		
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Exhaust-air function  Sealing principle  Assembly position  Conforms to standard  VDI/VDE 3845 (NAMUR)  Manual override  detenting Pushing  Type of piloting  Piloted  Pilot air supply  Internal  Flow direction  Lap  Positive overlap  Signal status display  b value  C value  Standard nominal flow rate, exhaust air return 4->3  Switching time off  Switching time on  Duty cycle  Characteristic coil data  Permissible voltage fluctuation  Operating medium  Note on operating and pilot medium  Compressed air in accordance  PWIS conformity  Medium temperature  throttleable  soft  Any  Coll, Cany  Duty CyDE 3845 (NAMUR)  detenting Pushing		
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Conforms to standard  Manual override  detenting Pushing  Type of piloting  Piloted  Piloted  Piloted  Internal  Flow direction  Lap  Signal status display  b value  C value  Standard nominal flow rate, exhaust air return 4->3  Switching time off  Switching time on  Duty cycle  Characteristic coil data  Permissible voltage fluctuation  Operating medium  Compressed air in accordance  Note on operating and pilot medium  Corrosion resistance classification CRC  PWIS conformity  Medium temperature  VDI/VDE 3845 (NAMUR)  detenting Pushing  Piloted  Internal  Internal  Positive overlap  with accessories  0.4  C.4  V.4  V.5  St. I/sbar  110 I/min  48 ms  11 ms  Duty cycle  100 %  Characteristic coil data  24 V DC: 3.3 W  Permissible voltage fluctuation		
Manual override detenting Pushing  Type of piloting Piloted  Piloted  Piloted  Piloted  Piloted  Piloted  Positive overlap  Signal status display with accessories  b value 0.4  C value 5.2 l/sbar  Standard nominal flow rate, exhaust air return 4->3 110 l/min  Switching time off 48 ms  Switching time on 11 ms  Duty cycle 100 %  Characteristic coil data 24 V DC: 3.3 W  Permissible voltage fluctuation +/- 10 %  Operating medium Compressed air in accordance  Note on operating and pilot medium Lubricated operation possible operation)  Corrosion resistance classification CRC  PWIS conformity VDMA24364-B2-L  Medium temperature -20 60 °C		
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Pilot air supply  Internal  Flow direction  Lap  Positive overlap  Signal status display  b value  C value  Standard nominal flow rate, exhaust air return 4->3  Switching time off  Switching time on  Duty cycle  Characteristic coil data  Permissible voltage fluctuation  Note on operating and pilot medium  Corrosion resistance classification CRC  PWIS conformity  Internal  non reversible  non reversible  non reversible  Note overlap  Note overlap  Switch ing time on  11 ms  110 l/min  48 ms  110 l/min  48 ms  24 V DC: 3.3 W  Permissible voltage fluctuation  +/- 10 %  Compressed air in accordance  Lubricated operation possible operation)  Corrosion resistance classification CRC  2 · Moderate corrosion stres  PWIS conformity  VDMA24364-B2-L  Medium temperature		
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Switching time off  Switching time on  Duty cycle  Characteristic coil data  Permissible voltage fluctuation  Operating medium  Note on operating and pilot medium  Compressed air in accordance Lubricated operation possible operation)  Corrosion resistance classification CRC  PWIS conformity  Medium temperature  48 ms  11 ms  100 %  Compressed in accordance Compressed air in accordance Compressed air in accordance Compressed in accordance Comp		
Switching time on 11 ms  Duty cycle 100 %  Characteristic coil data 24 V DC: 3.3 W  Permissible voltage fluctuation +/- 10 %  Operating medium Compressed air in accordance   Note on operating and pilot medium Lubricated operation possible operation)  Corrosion resistance classification CRC 2 - Moderate corrosion stres  PWIS conformity VDMA24364-B2-L  Medium temperature -20 60 °C		
Duty cycle     100 %       Characteristic coil data     24 V DC: 3.3 W       Permissible voltage fluctuation     +/- 10 %       Operating medium     Compressed air in accordance       Note on operating and pilot medium     Lubricated operation possible operation)       Corrosion resistance classification CRC     2 - Moderate corrosion stres       PWIS conformity     VDMA24364-B2-L       Medium temperature     -20 60 °C		
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Note on operating and pilot medium  Corrosion resistance classification CRC  PWIS conformity  Medium temperature  Lubricated operation possible operation)  2 - Moderate corrosion stres  VDMA24364-B2-L  -20 60 °C	ce with ISO8573-1:2010 [7:4:4]	
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PWIS conformity VDMA24364-B2-L Medium temperature -20 60 °C	55	
Medium temperature -20 60 °C		
1		
Ambient temperature -20 60 °C		
Product weight 380 g		
Electrical connection 3-pin		
Plug pattern type B to EN 17	75301-803	
Plug	JJ01 00J	



Feature	Value
	to industry standard (11 mm)
Mounting type	with through hole
Scavenging orifice connection	Non-ducted
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	NAMUR port pattern
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	NAMUR port pattern
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Wrought Aluminum alloy
Material screws	Galvanized steel