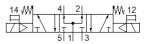
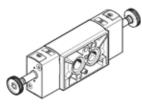
## solenoid valve VSNC-F-P53U-MD-N14-F8 Part number: 577265

## **FESTO**





## **Data sheet**

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Valve function   5/3 pressurised     Type of actuation   electrical     Width   32 mm     Standard nominal flow rate   950 l/min     Operating pressure   310 bar     Design structure   Piston slide     Type of reset   mechanical spring     Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Conforms to standard   VDI/VDE 3845 (NAMUR)     Manual override   detenting     Pubring   Piloted     Pilot air supply   Internal     Flow direction   non reversible     Freedom from overlap   Yes     Signal status display   with accessories     b value   0.5     C value   S8 ms     Switching time off   58 ms     Switching time on   14 ms     Switching time on   14 ms     Operating medium   Compressed air in accordance with ISO8573-1:2010     Note on operating and pilot medium   Cubricate operation possible (subsequently required operation)     Corrosion resistance classification CRC   2 - Moderate corrosin stress	
Width   32 mm     Standard nominal flow rate   950 l/min     Operating pressure   3 10 bar     Design structure   Piston slide     Type of reset   mechanical spring     Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Conforms to standard   VDI/VDE 3845 (NAMUR)     Manual override   detenting     Pushing   Piloted     Pilot air supply   Internal     Flow direction   non reversible     Freedom from overlap   Yes     Signal status display   with accessories     b value   0.5     C value   2.1 l/sbar     Switching time off   58 ms     Switching time reversal   25 ms     Duty cycle   100%     Characteristic coil data   See solenoid coil, to be ordered separately     Operating medium   Lubricated operation possible (subsequently required operation)     Characteristic coil data   See solenoid coil, to be ordered separately     Operating medium   Lubricated operation possible (subsequently required operation)     Note on ope	
Standard nominal flow rate   950 l/min     Operating pressure   3 10 bar     Design structure   Piston slide     Type of reset   mechanical spring     Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Conforms to standard   VDI/VDE 3845 (NAMUR)     Manual override   detenting     Pushing   Publed     Piloted   Piloted     Pilot air supply   Internal     Flow direction   non reversible     Freedom from overlap   Yes     Signal status display   with accessories     b value   0.5     C value   Sms     Switching time off   58 ms     Switching time off   58 ms     Switching time reversal   25 ms     Duty cycle   100%     Characteristic coil data   See solenoid coil, to be ordered separately     Operating medium   Lubricated operation possible (subsequently required operation)     Note on operating and pilot medium   Lubricated operation possible (subsequently required operation)     Corosion resistance classification CRC <td></td>	
Operating pressure   3 10 bar     Design structure   Piston slide     Type of reset   mechanical spring     Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Conforms to standard   VDI/VDE 3845 (NAMUR)     Manual override   detenting     Pushing   Puloted     Pilot air supply   Internal     Flow direction   non reversible     Freedom from overlap   Yes     Signal status display   with accessories     b value   0.5     C value   2.1 l/sbar     Switching time off   58 ms     Switching time off   58 ms     Switching time on   14 ms     Switching time reversal   25 ms     Duty cycle   100%     Characteristic coil data   See solenoid coil, to be ordered separately     Operating medium   Cubricated operation possible (subsequently required operation)     Note on operating and pilot medium   Lubricated operation possible (subsequently required operation)     Chrossion resistance classification CRC   2 - Moderate corrosion stress	
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Design structure   Piston slide     Type of reset   mechanical spring     Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Conforms to standard   VDI/VDE 3845 (NAMUR)     Manual override   detenting     Publing   Piloted     Pilot air supply   Internal     Flow direction   non reversible     Freedom from overlap   Yes     Signal status display   with accessories     b value   0.5     C value   2.1 l/sbar     Switching time onf   58 ms     Switching time on   14 ms     Switching time onscale   25 ms     Duty cycle   Compressed air in accordance with ISO8573-1:2010     Note on operating and pilot medium   Lubricated operation possible (subsequently required operation)     Note on operating and pilot medium   Lubricated operation possible (subsequently required operation)     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   -20 60 °C	
Exhaust-air function   throttleable     Sealing principle   soft     Assembly position   Any     Conforms to standard   VDI/VDE 3845 (NAMUR)     Manual override   detenting     Pushing   Pushing     Type of piloting   Piloted     Pilot air supply   Internal     Flow direction   non reversible     Freedom from overlap   Yes     Signal status display   with accessories     b value   0.5     C value   S8 ms     Switching time off   58 ms     Switching time reversal   25 ms     Duty cycle   100%     Characteristic coil data   See solenoid coil, to be ordered separately     Operating medium   Compressed air in accordance with ISO8573-1:2010     Note on operating and pilot medium   Lubricated operation possible (subsequently required operation)     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   -20 60 °C	
Sealing principle   soft     Assembly position   Any     Conforms to standard   VDI/VDE 3845 (NAMUR)     Manual override   detenting     Publing   Pilot and the standard     Type of piloting   Piloted     Pilot air supply   Internal     Flow direction   non reversible     Freedom from overlap   Yes     Signal status display   with accessories     b value   0.5     C value   2.1 l/sbar     Switching time on   14 ms     Switching time eversal   25 ms     Duty cycle   100%     Characteristic coil data   See solenoid coil, to be ordered separately     Operating medium   Compressed air in accordance with ISO8573-1:2010     Note on operating and pilot medium   Lubricated operation possible (subsequently required operation)     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   -20 60 °C     Ambient temperature   -20 60 °C	
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Type of piloting   Piloted     Pilot air supply   Internal     Flow direction   non reversible     Freedom from overlap   Yes     Signal status display   with accessories     b value   0.5     C value   2.1 l/sbar     Switching time off   58 ms     Switching time on   14 ms     Switching time reversal   25 ms     Duty cycle   100%     Characteristic coil data   See solenoid coil, to be ordered separately     Operating medium   Compressed air in accordance with ISO8573-1:2010     Note on operating and pilot medium   Lubricated operation possible (subsequently required operation)     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   -20 60 °C     Ambient temperature   -20 60 °C	
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Note on operating and pilot medium   Lubricated operation possible (subsequently required operation)     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   -20 60 °C     Ambient temperature   -20 60 °C	) [7:4:4]
operation)     Corrosion resistance classification CRC   2 - Moderate corrosion stress     Medium temperature   -20 60 °C     Ambient temperature   -20 60 °C	
Medium temperature -20 60 °C   Ambient temperature -20 60 °C	
Ambient temperature -20 60 °C	
Product weight 345 g	
Mounting type with through hole	
Scavenging orifice connection Non-ducted	
Pneumatic connection, port 1 NPT1/4-18	
Pneumatic connection, port 2 NAMUR port pattern	
Pneumatic connection, port 3 NPT1/4-18	
Pneumatic connection, port 4 NAMUR port pattern	
Pneumatic connection, port 5 NPT1/4-18	
Materials note Conforms to RoHS	
Materials information for seals NBR	
Materials information, housing Wrought Aluminium alloy	
Screw material data High alloy steel, non-corrosive	