



Solenoid valve- CPV14-M1H-5JS-1/8

URL:<https://www.sxplc.com/solenoid-valve-cpv14-m1h-5js-1-8>

Product data sheet

Technical Data

- **Valve function** 5/2 double solenoid
- **Type of actuation** Electric
- **Valve size** 14 mm
- **Standard nominal flow rate (standardised to DIN 1343)** 800 l/min
- **pneumatic working port** G1/8
- **Operating voltage** 24V DC
- **Operating pressure** 0.09 MPa ... 1 MPa
- **Operating pressure** 0.9 bar ... 10 bar
- **Design** Piston gate valve
- **Degree of protection** IP65
- **Nominal size** 6 mm
- **Exhaust-air function** Without flow control option

- **Sealing principle**Soft
- **Mounting position**optional
- **Manual override**Detenting Non-detenting
- **Type of piloting**Pilot actuated
- **Pilot air supply**External Internal
- **Flow direction**Non-reversible
- **Symbol**00991683
- **lap**Overlap
- **Pilot pressure**0.3 MPa ... 0.8 MPa
- **Pilot pressure**3 bar ... 8 bar
- **b value**0.42
- **C value**3.2 l/sbar
- **Switching time reversal**12 ms
- **Duty cycle**100% in conjunction with holding current reduction
- **Electrical power consumption**0.65 W
- **Max. positive test pulse with 0 signal**1400 μ s
- **Max. negative test pulse with 1 signal**400 μ s
- **Operating medium**Compressed air to ISO 8573-1:2010 [7:4:4]
- **Note on operating and pilot medium**Lubricated operation possible
(in which case lubricated operation will always be required)
- **Vibration resistance**Transport application test with severity level 2 to
FN 942017-4 and EN 60068-2-6
- **Shock resistance**Shock test with severity level 2 to FN 942017-5 and

EN 60068-2-27

- **Corrosion resistance class CRC2** - Moderate corrosion stress
- **LABS (PWIS) conformity**VDMA24364-B1/B2-L
- **Storage temperature**-20 °C ... 40 °C
- **Media temperature**-5 °C ... 50 °C
- **Ambient temperature**-5 °C ... 50 °C
- **Product weight**120 g
- **Type of mounting**With through-hole
- **Pilot air port 12/14**Common line
- **Pilot exhaust port 82/84**Common line
- **Pneumatic connection, port 1**Common line
- **Pneumatic connection, port 2**G1/8
- **Pneumatic connection 3/5 combined**Common line
- **Pneumatic connection, port 4**G1/8
- **Note on materials**RoHS-compliant
- **Material seals**HNBR NBR
- **Material housing**Die-cast aluminium Brass POM PPS Steel

