



Solenoid valve VMPA2-M1H-M-PI

537952

URL:<https://www.sxplc.com/solenoid-valve-vmpa2-m1h-m-pi-537952>

Product data sheet

Valve function

Two position five way, monostable state

Driving method

Electric control

Valve size

20 mm

Standard rated flow (standardized according to DIN 1343)

670 l/min

working voltage

24V DC

working pressure

-0.09 Mpa ... 1 Mpa

working pressure

-0.9 bar ... 10 bar

Structural characteristics

Piston gate valve

Reset type

Pneumatic spring

authentication

C UL us - Certified (OL)

Protection level

IP65

Complies with IEC 60529 standard

Sealing principle

Soft sealing

Installation location

Optional

Manual control device

Locked

Button type

Leading type

Pilot driven

flow to

reversible

Symbol

00991050

Overlap

Positive overlap

Signal status display

yes

Pilot pressure Mpa

0.3 Mpa ... 0.8 Mpa

Pilot pressure

3 bar ... 8 bar

Suitable for vacuum

yes

Standard nominal flow rate, QS-8

670 l/min

Standard nominal flow rate of QS-10

870 l/min

Closing time

28 ms

Open time

15 ms

Maximum forward test pulse of 0 signal

400 μ s

Maximum negative test pulse with signal 1

900 μ s

Permissible voltage fluctuations

+/- 25%

Working medium

Compressed air, in accordance with ISO 8573-1:2010 [7:4:4]

Description of Work and Pilot Media

Can work with lubricating medium (must continue to work with lubricating medium thereafter)

Vibration resistance

Transport application testing, severity level 2, in compliance with FN 942017-4 and EN 60068-2-6

Impact resistance

Impact test, severity level 2, in accordance with FN 942017-5 and EN 60068-2-27

Corrosion resistance grade CRC

1- Low corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B1/B2-L

Storage temperature

-20 °C ... 40 °C

Medium temperature

-5 °C ... 50 °C

Relative air humidity

90% maximum at 40 °C

ambient temperature

-5 °C ... 50 °C

Maximum tightening torque for valve installation

0.65 Nm

Product weight

100 g

Installation method

With through-hole

Material Description

RoHS compliance

Sealing material

NBR

Shell material

Die cast aluminum

