



## **solenoid valve VUVS-L20-M52-AD- G18-F7 575249**

URL:<https://www.sxplc.com/solenoid-valve-vuvs-l20-m52-ad-g18-f7-575249>

### **Product data sheet**

Valve function

Two position five way, monostable state

Driving method

Electric control

Valve size

21 mm

Standard rated flow (standardized according to DIN 1343)

700 l/min

Working air port

G1/8

working pressure

0.25 Mpa 1 Mpa

working pressure

2.5 bar 10 bar

Structural characteristics

Piston gate valve

Reset type

Pneumatic spring

authentication

C UL us - Certified (OL)

Nominal diameter

5.7 mm

Exhaust function

With throttling options

Sealing principle

Soft sealing

Installation location

Optional

Manual control device

Locked

Button type

Leading type

Pilot driven

Pilot gas source

Inner leader

flow direction

Irreversibility

symbol

00991023

Overlap

Positive overlap

B value

zero point three five

C-value

2.9 l/sbar

Closing time

29 ms

Open time

20 ms

Maximum forward test pulse of 0 signal

1900  $\mu$  s

Maximum negative test pulse with signal 1

2700  $\mu$  s

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

2- Moderate corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B1/B2-L

Medium temperature

-10 ° C 60 ° C

Leading medium

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

ambient temperature

-10 ° C 60 ° C

Product weight

188 g

Installation method

Either:

On the pneumatic board

With through-hole

Ventilation interface

Non tubular

Pilot exhaust port 84

M5

Air interface, air port 1

G1/8

Air interface, air port 2

G1/8

Air interface, air port 3

G1/8

Air interface, air port 4

G1/8

Air interface, air port 5

G1/8

Material Description

RoHS compliance

Sealing material

HNBR

NBR

Shell material

Die cast aluminum

Coated

Material of piston type slide valve

Refined aluminum alloy

Screw material

Galvanized steel

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