



## **Solenoid valve VUVG - L14-M52-AT- G18-1P3 566499**

URL:<https://www.sxplc.com/solenoid-valve-vuvg-l14-m52-at-g18-1p3-566499>

### **Product data sheet**

Valve function

Two position five way, monostable state

Driving method

Electric control

Valve size

14 mm

Standard rated flow (standardized according to DIN 1343)

700 l/min ... 780 l/min

Working air port

G1/8

working voltage

24V DC

working pressure

0.25 Mpa ... 0.8 Mpa

working pressure

2.5 bar ... 8 bar

Structural characteristics

Piston gate valve

Reset type

Pneumatic spring

authentication

RCM trademark

C UL us - Certified (OL)

Protection level

IP40

IP65

With plug-in socket

Nominal diameter

5.6 mm

Exhaust function

With throttling options

Sealing principle

Soft sealing

Installation location

Optional

Manual control device

Locked

Button type

Cover type

Leading type

Pilot driven

Pilot gas source

Inner leader

Symbol

00992908

Overlap

Positive overlap

Pilot pressure Mpa

0.25 Mpa ... 0.8 Mpa

Pilot pressure

2.5 bar ... 8 bar

Suitable for vacuum

no

Closing time

22 ms

Open time

14 ms

Continuous power on rate

100%

Maximum forward test pulse of 0 signal

700  $\mu$ s

Maximum negative test pulse with signal 1

900  $\mu$ s

Characteristic parameters of the coil

24 V DC: 1.0 W

24 V Dc: Low current phase 0.3 W, high current phase 1.0 W

Permissible voltage fluctuations

+/- 10 %

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

Limitations on environment and medium temperature

-5 ... 50° C

Without holding current drop function

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

-5 °C ... 60 °C

ambient temperature

-5 °C ... 60 °C

Product weight

78 g

Electrical interface

Through electrical connection board

Installation method

or

On the pneumatic board

With through-hole

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

Refined aluminum alloy



