



## **Solenoid valve MFH-5-1/2-S 35547**

URL: <https://www.sxplc.com/solenoid-valve-mfh-5-1-2-s-35547>

### **Product data sheet**

Valve function

Two position five way, monostable state

Driving method

Electric control

width

52 mm

Standard rated flow (standardized according to DIN 1343)

3700 l/min

Working air port

G1/2

working voltage

Through electromagnetic coils, separate orders are required

working pressure

0 Mpa ... 0.8 Mpa

working pressure

0 bar ... 8 bar

Structural characteristics

Lifting seat

Reset type

Spring return

authentication

C UL us - Certified (OL)

Protection level

IP65

Nominal diameter

14 mm

Grid size

69 mm

Exhaust function

With throttling options

Sealing principle

Soft sealing

Installation location

Optional

Manual control device

Locked

Leading type

Pilot driven

Pilot gas source

external

flow to

Irreversibility

Symbol

00991024

Overlap

overlap

Pilot pressure Mpa

0.15 Mpa ... 0.8 Mpa

Pilot pressure

1.5 bar ... 8 bar

B value

zero point three two

Closing time

150 ms

Open time

21 ms

Maximum forward test pulse of 0 signal

2200  $\mu$ s

Maximum negative test pulse with signal 1

3700  $\mu$ s

Characteristic parameters of the coil

Please refer to the electromagnetic coil, which needs to be ordered separately

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)

Corrosion resistance grade CRC

1- Low corrosion resistance

Paint Wetting Defect Substance (PWIS) Compliance

VDMA24364-B1/B2-L

Storage temperature

-20 °C ... 60 °C

Medium temperature

-10 °C ... 60 °C

Leading medium

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

ambient temperature

-5 °C ... 40 °C

Product weight

1135 g

Electrical interface

Through F-type coils, separate orders are required

Installation method

or

On the pneumatic board

With through-hole

Pilot exhaust port 84

M5

Pilot air port 14

G1/8

Air interface, air port 1

G1/2

Air interface, air port 2

G1/2

Air interface, air port 3

G1/2

Air interface, air port 4

G1/2

Air interface, air port 5

G1/2

Material Description

RoHS compliance

Sealing material

NBR

TPE-U(PU)

Shell material

Die cast aluminum

