



Solenoid valve

NVF3-MOH-5/2-K-1/4-EX 535987

URL:<https://www.sxplc.com/solenoid-valve-nvf3-moh-5-2-k-1-4-ex-535987>

Product data sheet

Valve function

Two position five way or two position three way, monostable state

Driving method

Electric control

width

53 mm

Standard rated flow (standardized according to DIN 1343)

900 l/min

Working air port

base

working voltage

Through electromagnetic coils, separate orders are required

working pressure

0.2 Mpa ... 1 Mpa

working pressure

2 bar ... 10 bar

Structural characteristics

Lifting seat

Reset type

Spring return

CE certification (see declaration of conformity)

Compliant with the EU Explosion Protection Directive (ATEX)

EU overseas explosion-proof certification

EPL Db (GB)

EPL Gb (GB)

CE marking (see declaration of conformity)

According to the UK EX directive

ATEX gas category

II 2G

ATEX Dust Category

II 2D

Gas explosion-proof and flame-retardant type

Ex h IIC T6 Gb

Dust proof, explosion-proof, and flame-retardant types

Ex h IIIC T70°C Db

Explosion proof ambient temperature

$-5^{\circ}\text{C} \leq T_a \leq +40^{\circ}\text{C}$

Nominal diameter

7 mm

Exhaust function

With throttling options

Sealing principle

Soft sealing

Installation location

Optional

Compliant with standards

VDI/VDE 3845 (NAMUR)

Manual control device

Locked

Button type

Leading type

Pilot driven

flow to

Irreversibility

Symbol

00991831

Overlap

overlap

B value

zero point three three

C-value

4.2 l/sbar

Closing time

100 ms

Open time

50 ms

explosion-proof

Zone 1 (ATEX)

Zone 1 (UKEX)

Zone 2 (ATEX)

Zone 21 (ATEX)

Zone 21 (UKEX)

Zone 22 (ATEX)

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

Medium temperature

-5 °C ... 40 °C

ambient temperature

-5 °C ... 40 °C

Product weight

280 g

Installation method

On the pneumatic board

Ventilation interface

inside

Pilot exhaust port 84

M5

Air interface, air port 1

G1/4

Air interface, air port 2

NAMUR port mode

Air interface, air port 3

G1/4

Air interface, air port 4

NAMUR port mode

Air interface, air port 5

G1/4

Sealing material

NBR

Shell material

Die cast aluminum

